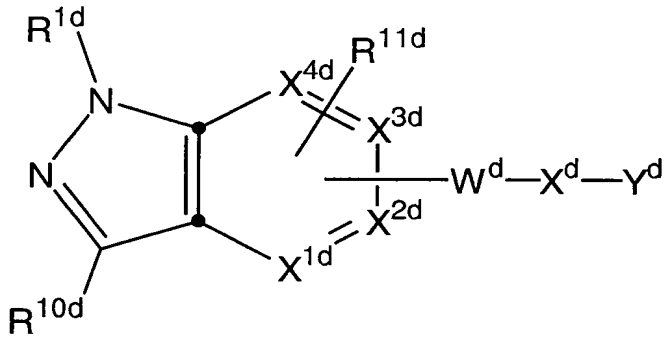
WHAT IS CLAIMED IS DESCRIBED BELOW:

1. A compound, comprising: a targeting moiety and a chelator, wherein the targeting moiety is bound to the chelator, is a indazole nonpeptide, and binds to a receptor that is upregulated during angiogenesis and the compound has 0-1 linking groups between the targeting moiety and chelator.

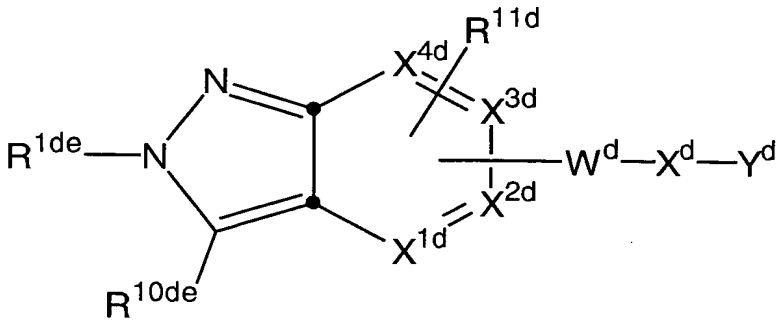
2. A compound according to Claim 1, wherein the receptor is the integrin $\alpha_v\beta_3$ or $\alpha_v\beta_5$ and the compound is of the formula:

$$(Q)_d\text{-}L_n\text{-}C_h \text{ or } (Q)_d\text{-}L_n\text{-}(C_h)_{d'}$$

wherein, Q is independently a compound of Formula (Ia) or (Ib):



(Ia)



(Ib)

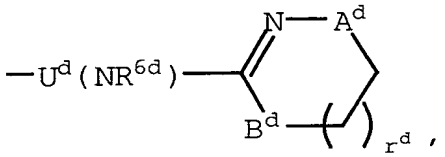
including stereoisomeric forms thereof, or mixtures of stereoisomeric forms thereof, or pharmaceutically acceptable salt or prodrug forms thereof wherein:

X^{1d} is N, CH, C-W^d-X^d-Y^d, or C-L_n;
X^{2d} is N, CH, or C-W^d-X^d-Y^d;
X^{3d} is N, CR^{11d}, or C-W^d-X^d-Y^d;
X^{4d} is N or CR^{11d};

provided that when R^{1d} is R^{1de} then one of X^{1d} and X^{2d} is C-W^d-X^d-Y^d, and when R^{10d} is R^{1de} then X^{3d} is C-W^d-X^d-Y^d;

R^{1d} is selected from: R^{1de}, C_1-C_6 alkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_3-C_6 alkenyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_3-C_7 cycloalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_4-C_{11} cycloalkylalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, aryl substituted with 0-1 R^{15d} or 0-2 R^{11d} or 0-1 R^{21d}, and aryl(C_1-C_6 alkyl)- substituted with 0-1 R^{15d} or 0-2 R^{11d} or 0-1 R^{21d};

R^{1de} is selected from: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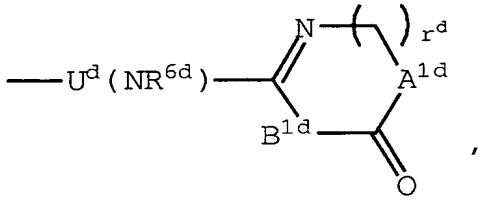
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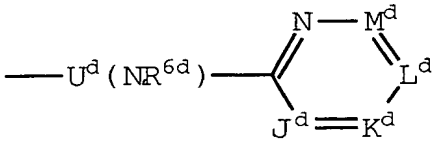
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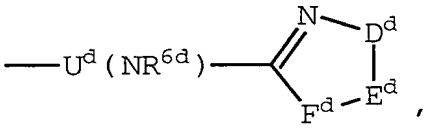
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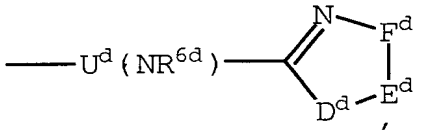
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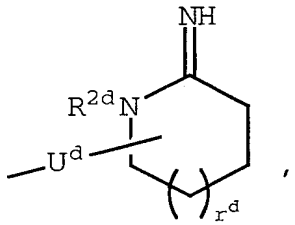
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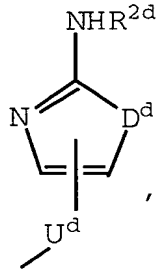
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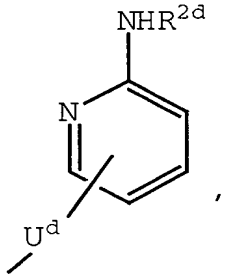
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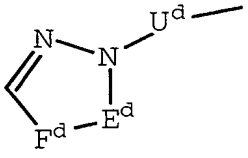
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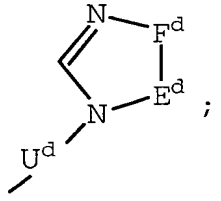

;

A^d and B^d are independently $-CH_2-$, $-O-$, $-N(R^{2d})-$, or $-C(=O)-$;

A^{1d} and B^{1d} are independently $-CH_2-$ or $-N(R^{3d})-$;

D^d is $-N(R^{2d})-$, $-O-$, $-S-$, $-C(=O)-$ or $-SO_2-$;

E^d-F^d is $-C(R^{4d})=C(R^{5d})-$, $-N=C(R^{4d})-$, $-C(R^{4d})=N-$, or $-C(R^{4d})_2C(R^{5d})_2-$;

J^d, K^d, L^d and M^d are independently selected from $-C(R^{4d})-$, $-C(R^{5d})-$ and $-N-$, provided that at least one of J^d, K^d, L^d and M^d is not $-N-$;

R^{2d} is selected from: H, C_1-C_6 alkyl, (C_1-C_6 alkyl)carbonyl, (C_1-C_6 alkoxy)carbonyl; (C_1-C_6 alkyl)aminocarbonyl, C_3-C_6 alkenyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, heteroaryl(C_1-C_6 alkyl)carbonyl, heteroarylcarbonyl, aryl(C_1-C_6 alkyl)-, (C_1-C_6 alkyl)carbonyl-, arylcarbonyl, C_1-C_6 alkylsulfonyl, arylsulfonyl, aryl(C_1-C_6 alkyl)sulfonyl, heteroarylsulfonyl, heteroaryl(C_1-C_6 alkyl)sulfonyl, aryloxycarbonyl, and aryl(C_1-C_6 alkoxy)carbonyl, wherein said aryl groups are substituted with 0-2 substituents selected from the group: C_1-C_4 alkyl, C_1-C_4 alkoxy, halo, CF_3, and nitro;

R^{3d} is selected from: H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, aryl(C_1-C_6 alkyl)-, and heteroaryl(C_1-C_6 alkyl)-;

R^{4d} and R^{5d} are independently selected from: H, C_1-C_4 alkoxy, $NR^{2d}R^{3d}$, halogen, NO_2, CN, CF_3, C_1-C_6 alkyl, C_3-C_6 alkenyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, aryl(C_1-C_6 alkyl)-, (C_1-C_6 alkyl)carbonyl, (C_1-C_6 alkoxy)carbonyl, and arylcarbonyl, or

alternatively, when substituents on adjacent atoms, R^{4d} and R^{5d} can be taken together with the carbon atoms to which they are attached to form a 5-7 membered carbocyclic or 5-7 membered heterocyclic aromatic or non-aromatic ring system, said carbocyclic or heterocyclic ring being optionally substituted with 0-2 groups selected from: C_1-C_4 alkyl, C_1-C_4 alkoxy, halo, cyano, amino, CF_3, and NO_2;

U^d is selected from:

$-(CH_2)_n{}^d-$,

$-(CH_2)_n{}^d(CR^{7d}=CR^{8d})(CH_2)_m{}^d-$,

$-(CH_2)_n{}^d(C\equiv C)(CH_2)_m{}^d-$,

$-(CH_2)_t{}^dQ(CH_2)_m{}^d-$,

$-(CH_2)_n{}^dO(CH_2)_m{}^d-$,

$-(CH_2)_n{}^dN(R^{6d})(CH_2)_m{}^d-$,

$-(CH_2)_n{}^dC(=O)(CH_2)_m{}^d-$,

$-(CH_2)_n{}^d(C=O)N(R^{6d})(CH_2)_m{}^d-$

$-(CH_2)_n{}^dN(R^{6d})(C=O)(CH_2)_m{}^d-$, and

$-(CH_2)_n{}^dS(O)_p{}^d(CH_2)_m{}^d-$;

wherein one or more of the methylene groups in U^d is optionally substituted with R^{7d};

Q^d is selected from 1,2-cycloalkylene, 1,2-phenylene, 1,3-phenylene, 1,4-phenylene, 2,3-pyridinylene, 3,4-pyridinylene, 2,4-pyridinylene, and 3,4-pyridazinylene;

R^{6d} is selected from: H, C_1-C_4 alkyl, and benzyl;

R^{7d} and R^{8d} are independently selected from: H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, aryl(C_1-C_6 alkyl)-, and heteroaryl(C_0-C_6 alkyl)-;

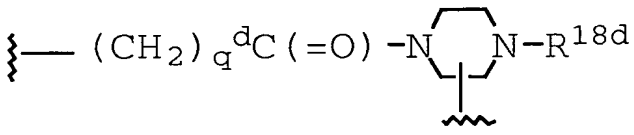
R^{10d} is selected from: H, R^{1de}, C_1-C_4 alkoxy substituted with 0-1 R^{21d}, $N(R^{6d})_2$, halogen, NO_2, CN, CF_3, CO_2R^{17d}, $C(=O)R^{17d}$, $CONR^{17d}R^{20d}$, $-SO_2R^{17d}$, $-SO_2NR^{17d}R^{20d}$, C_1-C_6 alkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_3-C_6 alkenyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_3-C_7 cycloalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_4-C_{11} cycloalkylalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, aryl substituted with 0-1 R^{15d} or 0-2 R^{11d} or 0-1 R^{21d}, and aryl(C_1-C_6 alkyl)- substituted with 0-1 R^{15d} or 0-2 R^{11d} or 0-1 R^{21d};

R^{10de} is selected from: H, C_1-C_4 alkoxy substituted with 0-1 R^{21d}, $N(R^{6d})_2$, halogen, NO_2, CN, CF_3, CO_2R^{17d}, $C(=O)R^{17d}$, $CONR^{17d}R^{20d}$, $-SO_2R^{17d}$, $-SO_2NR^{17d}R^{20d}$, C_1-C_6 alkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_3-C_6 alkenyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_3-C_7 cycloalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_4-C_{11} cycloalkylalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, aryl substituted with 0-1 R^{15d} or 0-2 R^{11d} or 0-1 R^{21d}, and aryl(C_1-C_6 alkyl)- substituted with 0-1 R^{15d} or 0-2 R^{11d} or 0-1 R^{21d};

R^{11d} is selected from H, halogen, CF_3, CN, NO_2, hydroxy, $NR^{2d}R^{3d}$, C_1-C_4 alkyl substituted with 0-1 R^{21d}, C_1-C_4 alkoxy substituted with 0-1 R^{21d}, aryl substituted with 0-1 R^{21d}, aryl(C_1-C_6 alkyl)- substituted with 0-1 R^{21d}, (C_1-C_4 alkoxy)carbonyl substituted with 0-1 R^{21d}, (C_1-C_4 alkyl)carbonyl substituted with 0-1 R^{21d}, C_1-C_4 alkylsulfonyl substituted with 0-1 R^{21d}, and C_1-C_4 alkylaminosulfonyl substituted with 0-1 R^{21d};

W^d is selected from:
$-(C(R^{12d})_2)_q{}^dC(=O)N(R^{13d})-$, and
$-C(=O)-N(R^{13d})-(C(R^{12d})_2)_q{}^d-$;

X^d is $-C(R^{12d})(R^{14d})-C(R^{12d})(R^{15d})-$; or
alternatively, W^d and X^d can be taken together to be



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R^{12d} is selected from H, halogen, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_3-C_7 cycloalkyl, C_4-C_{10} cycloalkylalkyl, (C_1-C_4 alkyl)carbonyl, aryl, and aryl(C_1-C_6 alkyl)-;

R^{13d} is selected from H, C_1-C_6 alkyl, C_3-C_7 cycloalkylmethyl, and aryl(C_1-C_6 alkyl)-;

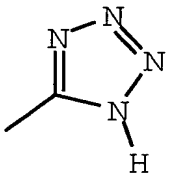
R^{14d} is selected from:
H, C_1-C_6 alkylthio(C_1-C_6 alkyl)-, aryl(C_1-C_{10} alkylthioalkyl)-, aryl(C_1-C_{10} alkoxyalkyl)-, C_1-C_{10} alkyl, C_1-C_{10} alkoxyalkyl, C_1-C_6 hydroxyalkyl, C_2-C_{10} alkenyl, C_2-C_{10} alkynyl, C_3-C_{10} cycloalkyl, C_3-C_{10} cycloalkylalkyl, aryl(C_1-C_6 alkyl)-, heteroaryl(C_1-C_6 alkyl)-, aryl, heteroaryl, CO_2R^{17d}, $C(=O)R^{17d}$, and $CONR^{17d}R^{20d}$, provided that any of the above alkyl, cycloalkyl, aryl or heteroaryl groups may be unsubstituted or substituted independently with 0-1 R^{16d} or 0-2 R^{11d};

R^{15d} is selected from:
H, R^{16d}, C_1-C_{10} alkyl, C_1-C_{10} alkoxyalkyl, C_1-C_{10} alkylaminoalkyl, C_1-C_{10} dialkylaminoalkyl, (C_1-C_{10} alkyl)carbonyl, aryl(C_1-C_6 alkyl)carbonyl, C_1-C_{10} alkenyl, C_1-C_{10} alkynyl ,C_3-C_{10} cycloalkyl, C_3-C_{10} cycloalkylalkyl, aryl(C_1-C_6 alkyl)-, heteroaryl(C_1-C_6 alkyl)-, aryl, heteroaryl, CO_2R^{17d}, $C(=O)R^{17d}$, $CONR^{17d}R^{20d}$, SO_2R^{17d}, and $SO_2NR^{17d}R^{20d}$,

provided that any of the above alkyl, cycloalkyl, aryl or heteroaryl groups may be unsubstituted or substituted independently with 0-2 R^{11d};

Y^d is selected from:

$-COR^{19d}$, $-SO_3H$, $-PO_3H$, tetrazolyl, $-CONHNHSO_2CF_3$, $-CONHSO_2R^{17d}$, $-CONHSO_2NHR^{17d}$, $-NHCOCF_3$, $-NHCONHSO_2R^{17d}$, $-NHSO_2R^{17d}$, $-OPO_3H_2$, $-OSO_3H$, $-PO_3H_2$, $-SO_3H$, $-SO_2NHCOR^{17d}$, $-SO_2NHCO_2R^{17d}$,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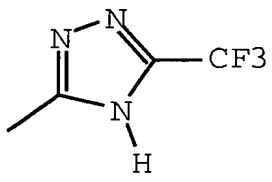
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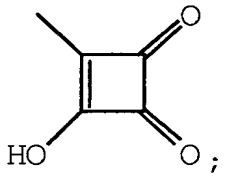
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R^{16d} is selected from:

$-N(R^{20d})-C(=O)-O-R^{17d}$,

$-N(R^{20d})-C(=O)-R^{17d}$,

$-N(R^{20d})-C(=O)-NH-R^{17d}$,

$-N(R^{20d})SO_2-R^{17d}$, and

$-N(R^{20d})SO_2-NR^{20d}R^{17d}$;

R^{17d} is selected from:

C_1-C_{10} alkyl optionally substituted with a bond to L_n, C_3-C_{11} cycloalkyl optionally substituted with a bond to L_n, aryl(C_1-C_6 alkyl)- optionally substituted with a bond to L_n, (C_1-C_6 alkyl)aryl optionally substituted with a bond to L_n, heteroaryl(C_1-C_6 alkyl)- optionally substituted with a bond to L_n, (C_1-C_6 alkyl)heteroaryl optionally substituted with a bond to L_n, biaryl(C_1-C_6 alkyl)- optionally substituted with a bond to L_n, heteroaryl optionally substituted with a bond to L_n, aryl optionally substituted with a bond to L_n, biaryl optionally substituted with a bond to L_n, and a bond to L_n, wherein said aryl, biaryl or heteroaryl groups are

also optionally substituted with 0-3 substituents selected from the group consisting of: C_1-C_4 alkyl, C_1-C_4 alkoxy, aryl, heteroaryl, halo, cyano, amino, CF_3, and NO_2;

R^{18d} is selected from:
-H,
$-C(=O)-O-R^{17d}$,
$-C(=O)-R^{17d}$,
$-C(=O)-NH-R^{17d}$,
$-SO_2-R^{17d}$, and
$-SO_2-NR^{20d}R^{17d}$;

R^{19d} is selected from: hydroxy, C_1-C_{10} alkyloxy, C_3-C_{11} cycloalkyloxy, aryloxy, aryl(C_1-C_6 alkoxy)-, C_3-C_{10} alkylcarbonyloxyalkyloxy, C_3-C_{10} alkoxycarbonyloxyalkyloxy, C_2-C_{10} alkoxycarbonylalkyloxy, C_5-C_{10} cycloalkylcarbonyloxyalkyloxy, C_5-C_{10} cycloalkoxycarbonyloxyalkyloxy, C_5-C_{10} cycloalkoxycarbonylalkyloxy, C_7-C_{11} aryloxycarbonylalkyloxy, C_8-C_{12} aryloxycarbonyloxyalkyloxy, C_8-C_{12} arylcarbonyloxyalkyloxy, C_5-C_{10} alkoxyalkylcarbonyloxyalkyloxy, C_5-C_{10} (5-alkyl-1,3-dioxa-cyclopenten-2-one-yl)methyloxy, C_{10}-C_{14} (5-aryl-1,3-dioxa-cyclopenten-2-one-yl)methyloxy, and
$(R^{11d})(R^{12d})N-(C_1$-C_{10} alkoxy)-;

R^{20d} is selected from: H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, aryl(C_1-C_6 alkyl)-, and heteroaryl(C_1-C_6 alkyl)-;

R^{21d} is selected from: COOH and $NR^{6d}{}_2$;

m^d is 0-4;

n^d is 0-4;

t^d is 0-4;

p^d is 0-2;

q^d is 0-2; and

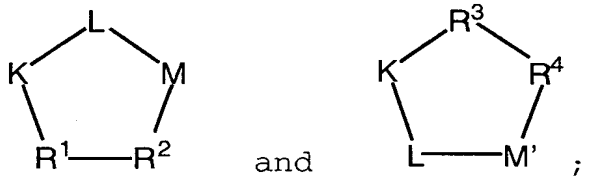
r^d is 0-2;

with the following provisos:

(1) t^d, n^d, m^d and q^d are chosen such that the number of atoms connecting R^{1d} and Y^d is in the range of 10-14; and

(2) n^d and m^d are chosen such that the value of n^d plus m^d is greater than one unless U^d is $-(CH_2)_t{}^d Q^d (CH_2)_m{}^d -$;

or Q is a peptide selected from the group:



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R^1 is L-valine, D-valine or L-lysine optionally substituted on the ε amino group with a bond to L_n;

R^2 is L-phenylalanine, D-phenylalanine, D-1-naphthylalanine, 2-aminothiazole-4-acetic acid or tyrosine, the tyrosine optionally substituted on the hydroxy group with a bond to L_n;

R^3 is D-valine;

R^4 is D-tyrosine substituted on the hydroxy group with a bond to L_n;

provided that one of R^1 and R^2 in each Q is substituted with a bond to L_n, and further provided that when R^2 is 2-aminothiazole-4-acetic acid, K is N-methylarginine;

provided that at least one Q is a compound of Formula (Ia) or (Ib);

d is selected from 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;

d' is 1-100;

L_n is a linking group having the formula: $((W)_h-(CR^6R^7)_g)_x-(Z)_k-((CR^{6a}R^{7a})_{g'}-(W)_{h'})_{x'}$;

W is independently selected at each occurrence from the group: O, S, NH, NHC(=O), C(=O)NH, $NR^8C(=O)$, $C(=O)NR^8$, C(=O), C(=O)O, OC(=O), NHC(=S)NH, NHC(=O)NH, SO_2, SO_2NH, $(OCH_2CH_2)_s$, $(CH_2CH_2O)_{s'}$, $(OCH_2CH_2CH_2)_{s''}$, $(CH_2CH_2CH_2O)_t$, and $(aa)_{t'}$;

aa is independently at each occurrence an amino acid;

Z is selected from the group: aryl substituted with 0-3 R^{10}, C_{3-10} cycloalkyl substituted with 0-3 R^{10}, and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3 R^{10};

R^6, R^{6a}, R^7, R^{7a}, and R^8 are independently selected at each occurrence from the group: H, =O, COOH, SO_3H, PO_3H, C_1-C_5 alkyl substituted with 0-3 R^{10}, aryl substituted with 0-3 R^{10}, benzyl substituted with 0-3 R^{10}, and C_1-C_5 alkoxy substituted with 0-3 R^{10},

NHC(=O)R^{11}, C(=O)NHR^{11}, NHC(=O)NHR^{11}, NHR^{11}, R^{11}, and a bond to C_h;

R^{10} is independently selected at each occurrence from the group: a bond to C_h, COOR^{11}, C(=O)NHR^{11}, NHC(=O)R^{11}, OH, NHR^{11}, SO_3H, PO_3H, $-OPO_3H_2$, $-OSO_3H$, aryl substituted with 0-3 R^{11}, C_{1-5} alkyl substituted with 0-1 R^{12}, C_{1-5} alkoxy substituted with 0-1 R^{12}, and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3 R^{11};

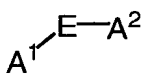
R^{11} is independently selected at each occurrence from the group: H, alkyl substituted with 0-1 R^{12}, aryl substituted with 0-1 R^{12}, a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-1 R^{12}, C_{3-10} cycloalkyl substituted with 0-1 R^{12}, polyalkylene glycol substituted with 0-1 R^{12}, carbohydrate substituted with 0-1 R^{12}, cyclodextrin substituted with 0-1 R^{12}, amino acid substituted with 0-1 R^{12}, polycarboxyalkyl substituted with 0-1 R^{12}, polyazaalkyl substituted with 0-1 R^{12}, and peptide substituted with 0-1 R^{12}, wherein the peptide is comprised of 2-10 amino acids, 3,6-O-disulfo-B-D-galactopyranosyl, bis(phosphonomethyl)glycine, and a bond to C_h;

R^{12} is a bond to C_h;

k is selected from 0, 1, and 2;
h is selected from 0, 1, and 2;
h' is selected from 0, 1, and 2;
g is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
g' is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
s is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;

s' is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
s" is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
t is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
t' is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
x is selected from 0, 1, 2, 3, 4, and 5;
x' is selected from 0, 1, 2, 3, 4, and 5;

C_h is a metal bonding unit having a formula selected from the group: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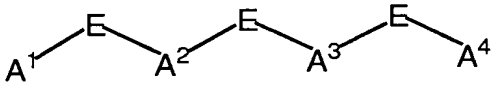
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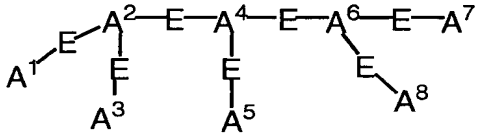
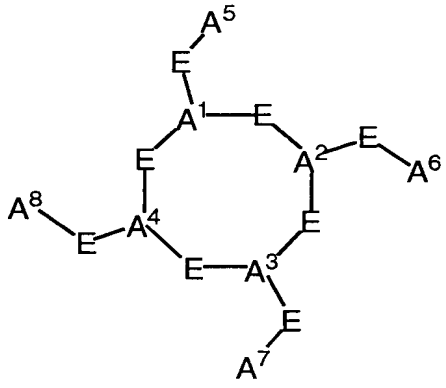

, and


;

A^1, A^2, A^3, A^4, A^5, A^6, A^7, and A^8 are independently selected at each occurrence from the group: NR^{13}, $NR^{13}R^{14}$, S, SH, S(Pg), O, OH, PR^{13}, $PR^{13}R^{14}$, $P(O)R^{15}R^{16}$, and a bond to L_n;

E is a bond, CH, or a spacer group independently selected at each occurrence from the group: C_1-C_{10} alkyl substituted with 0-3 R^{17}, aryl substituted with 0-3 R^{17}, C_{3-10} cycloalkyl substituted with 0-3 R^{17}, heterocyclo-C_{1-10} alkyl substituted with 0-3 R^{17}, wherein the heterocyclo group is a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O, C_{6-10}

aryl-C_{1-10} alkyl substituted with 0-3 R^{17}, C_{1-10} alkyl-C_{6-10} aryl- substituted with 0-3 R^{17}, and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3 R^{17};

R^{13} and R^{14} are each independently selected from the group: a bond to L_n, hydrogen, C_1-C_{10} alkyl substituted with 0-3 R^{17}, aryl substituted with 0-3 R^{17}, C_{1-10} cycloalkyl substituted with 0-3 R^{17}, heterocyclo-C_{1-10} alkyl substituted with 0-3 R^{17}, wherein the heterocyclo group is a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O, C_{6-10} aryl-C_{1-10} alkyl substituted with 0-3 R^{17}, C_{1-10} alkyl-C_{6-10} aryl- substituted with 0-3 R^{17}, a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3 R^{17}, and an electron, provided that when one of R^{13} or R^{14} is an electron, then the other is also an electron;

alternatively, R^{13} and R^{14} combine to form $=C(R^{20})(R^{21})$;

R^{15} and R^{16} are each independently selected from the group: a bond to L_n, -OH, C_1-C_{10} alkyl substituted with 0-3 R^{17}, C_1-C_{10} alkyl substituted with 0-3 R^{17}, aryl substituted with 0-3 R^{17}, C_{3-10} cycloalkyl substituted with 0-3 R^{17}, heterocyclo-C_{1-10} alkyl substituted with 0-3 R^{17}, wherein the heterocyclo group is a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O, C_{6-10} aryl-C_{1-10} alkyl substituted with 0-3 R^{17}, C_{1-10} alkyl-C_{6-10} aryl- substituted with

0-3 R^{17}, and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3 R^{17};

R^{17} is independently selected at each occurrence from the group: a bond to L_n, =O, F, Cl, Br, I, $-CF_3$, -CN, $-CO_2R^{18}$, $-C(=O)R^{18}$, $-C(=O)N(R^{18})_2$, -CHO, $-CH_2OR^{18}$, $-OC(=O)R^{18}$, $-OC(=O)OR^{18a}$, $-OR^{18}$, $-OC(=O)N(R^{18})_2$, $-NR^{19}C(=O)R^{18}$, $-NR^{19}C(=O)OR^{18a}$, $-NR^{19}C(=O)N(R^{18})_2$, $-NR^{19}SO_2N(R^{18})_2$, $-NR^{19}SO_2R^{18a}$, $-SO_3H$, $-SO_2R^{18a}$, $-SR^{18}$, $-S(=O)R^{18a}$, $-SO_2N(R^{18})_2$, $-N(R^{18})_2$, $-NHC(=S)NHR^{18}$, $=NOR^{18}$, NO_2, $-C(=O)NHOR^{18}$, $-C(=O)NHNR^{18}R^{18a}$, $-OCH_2CO_2H$, 2-(1-morpholino)ethoxy, C_1-C_5 alkyl, C_2-C_4 alkenyl, C_3-C_6 cycloalkyl, C_3-C_6 cycloalkylmethyl, C_2-C_6 alkoxyalkyl, aryl substituted with 0-2 R^{18}, and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O;

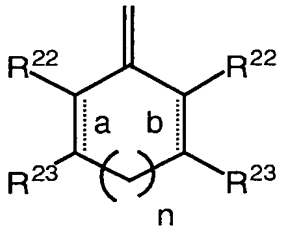
R^{18}, R^{18a}, and R^{19} are independently selected at each occurrence from the group: a bond to L_n, H, C_1-C_6 alkyl, phenyl, benzyl, C_1-C_6 alkoxy, halide, nitro, cyano, and trifluoromethyl;

Pg is a thiol protecting group;

R^{20} and R^{21} are independently selected from the group: H, C_1-C_{10} alkyl, -CN, $-CO_2R^{25}$, $-C(=O)R^{25}$, $-C(=O)N(R^{25})_2$, C_2-C_{10} 1-alkene substituted with 0-3 R^{23}, C_2-C_{10} 1-alkyne substituted with 0-3 R^{23}, aryl substituted with 0-3 R^{23}, unsaturated 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3

R^{23}, and unsaturated C_{3-10} carbocycle substituted with 0-3 R^{23};

alternatively, R^{20} and R^{21}, taken together with the divalent carbon radical to which they are attached form:



R^{22} and R^{23} are independently selected from the group: H, R^{24}, C_1-C_{10} alkyl substituted with 0-3 R^{24}, C_2-C_{10} alkenyl substituted with 0-3 R^{24}, C_2-C_{10} alkynyl substituted with 0-3 R^{24}, aryl substituted with 0-3 R^{24}, a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3 R^{24}, and C_{3-10} carbocycle substituted with 0-3 R^{24};

alternatively, R^{22}, R^{23} taken together form a fused aromatic or a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O;

a and **b** indicate the positions of optional double bonds and **n** is 0 or 1;

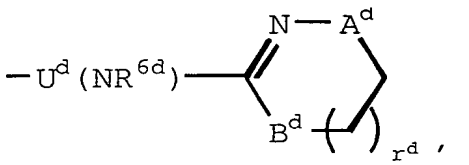
R^{24} is independently selected at each occurrence from the group: =O, F, Cl, Br, I, $-CF_3$, $-CN$, $-CO_2R^{25}$, $-C(=O)R^{25}$, $-C(=O)N(R^{25})_2$, $-N(R^{25})_3^+$, $-CH_2OR^{25}$, $-OC(=O)R^{25}$, $-OC(=O)OR^{25a}$, $-OR^{25}$, $-OC(=O)N(R^{25})_2$, $-NR^{26}C(=O)R^{25}$, $-NR^{26}C(=O)OR^{25a}$, $-NR^{26}C(=O)N(R^{25})_2$,

$-NR^{26}SO_2N(R^{25})_2$, $-NR^{26}SO_2R^{25a}$, $-SO_3H$, $-SO_2R^{25a}$, $-SR^{25}$, $-S(=O)R^{25a}$, $-SO_2N(R^{25})_2$, $-N(R^{25})_2$, $=NOR^{25}$, $-C(=O)NHOR^{25}$, $-OCH_2CO_2H$, and 2-(1-morpholino)ethoxy; and,

R^{25}, R^{25a}, and R^{26} are each independently selected at each occurrence from the group: hydrogen and C_1-C_6 alkyl.

3. A compound according to Claim 2, wherein:

R^{1de} is selected from:



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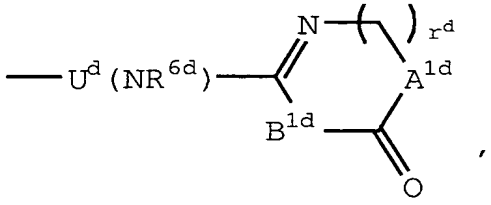

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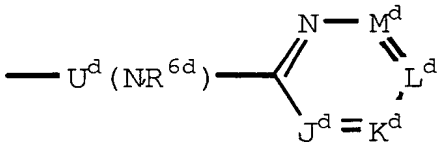

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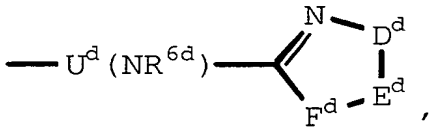

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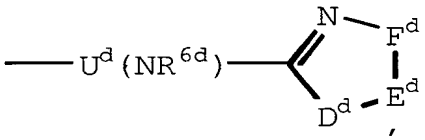

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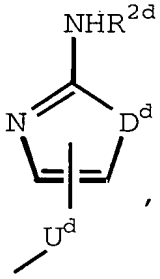
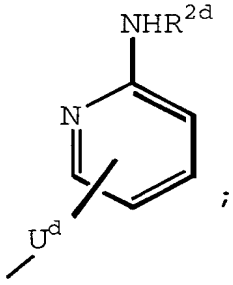


or



;

A^d and B^d are independently $-CH_2-$, $-O-$, $-N(R^{2d})-$, or $-C(=O)-$;

A^{1d} and B^{1d} are independently $-CH_2-$ or $-N(R^{3d})-$;

D^d is $-N(R^{2d})-$, $-O-$, $-S-$, $-C(=O)-$ or $-SO_2-$;

E^d-F^d is $-C(R^{4d})=C(R^{5d})-$, $-N=C(R^{4d})-$, $-C(R^{4d})=N-$, or $-C(R^{4d})_2C(R^{5d})_2-$;

J^d, K^d, L^d and M^d are independently selected from: $C(R^{4d})$-, $-C(R^{5d})$- and -N-, provided that at least one of J^d, K^d, L^d and M^d is not -N-;

R^{2d} is selected from: H, C_1-C_6 alkyl, (C_1-C_6 alkyl)carbonyl, (C_1-C_6 alkoxy)carbonyl, C_1-C_6 alkylaminocarbonyl, C_3-C_6 alkenyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, heteroaryl(C_1-C_6 alkyl)carbonyl, heteroarylcarbonyl, aryl(C_1-C_6 alkyl)-, (C_1-C_6 alkyl)carbonyl, arylcarbonyl, alkylsulfonyl, arylsulfonyl, aryl(C_1-C_6 alkyl)sulfonyl, heteroarylsulfonyl, heteroaryl(C_1-C_6 alkyl)sulfonyl, aryloxycarbonyl, and aryl(C_1-C_6 alkoxy)carbonyl, wherein said aryl groups are substituted with 0-2 substituents selected from the group consisting of C_1-C_4 alkyl, C_1-C_4 alkoxy, halo, CF_3, and nitro;

R^{3d} is selected from: H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, aryl(C_1-C_6 alkyl)-, and heteroaryl(C_1-C_6 alkyl)-;

R^{4d} and R^{5d} are independently selected from: H, C_1-C_4 alkoxy, $NR^{2d}R^{3d}$, halogen, NO_2, CN, CF_3, C_1-C_6 alkyl, C_3-C_6 alkenyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, aryl(C_1-C_6 alkyl)-, C_2-C_7 alkylcarbonyl, and arylcarbonyl;

alternatively, when substituents on adjacent atoms, R^{4d} and R^{5d} can be taken together with the carbon atoms to which they are attached to form a 5-7 membered carbocyclic or 5-7 membered heterocyclic aromatic or non-aromatic ring system, said carbocyclic or heterocyclic ring being optionally substituted with

0-2 groups selected from: C_1-C_4 alkyl, C_1-C_4 alkoxy, halo, cyano, amino, CF_3, or NO_2;

U^d is selected from:

$-(CH_2)_n^d-$,

$-(CH_2)_n^d(CR^{7d}=CR^{8d})(CH_2)_m^d-$,

$-(CH_2)_t^d Q^d (CH_2)_m^d-$,

$-(CH_2)_n^d O(CH_2)_m^d-$,

$-(CH_2)_n^d N(R^{6d})(CH_2)_m^d-$,

$-(CH_2)_n^d C(=O)(CH_2)_m^d-$, and

$-(CH_2)_n^d S(O)_p^d(CH_2)_m^d-$;

wherein one or more of the methylene groups in U^d is optionally substituted with R^{7d};

Q^d is selected from 1,2-phenylene, 1,3-phenylene, 2,3-pyridinylene, 3,4-pyridinylene, and 2,4-pyridinylene;

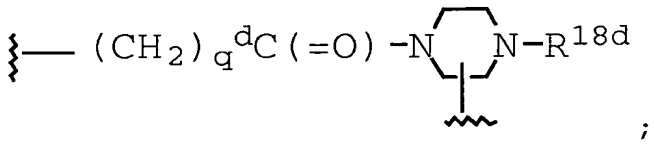
R^{6d} is selected from: H, C_1-C_4 alkyl, and benzyl;

R^{7d} and R^{8d} are independently selected from: H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, aryl(C_1-C_6 alkyl)-, and heteroaryl(C_0-C_6 alkyl)-;

W^d is $-C(=O)-N(R^{13d})-(C(R^{12d})_2)_q^d-$;

X^d is $-C(R^{12d})(R^{14d})-C(R^{12d})(R^{15d})-$;

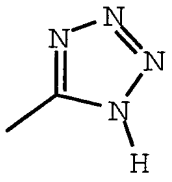
alternatively, W^d and X^d can be taken together to be



;

R^{12d} is H or C_1-C_6 alkyl;

Y^d is selected from:
$-COR^{19d}$, $-SO_3H$,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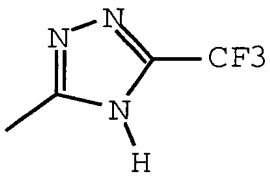
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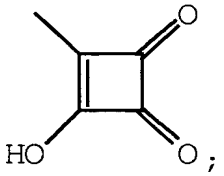

;

d is selected from 1, 2, 3, 4, and 5;

d' is 1-50;

W is independently selected at each occurrence from the group: O, NH, NHC(=O), C(=O)NH, $NR^8C(=O)$, $C(=O)N\ R^8$, C(=O), C(=O)O, OC(=O), NHC(=S)NH, NHC(=O)NH, SO_2, $(OCH_2CH_2)_s$, $(CH_2CH_2O)_{s'}$, $(OCH_2CH_2CH_2)_{s''}$, $(CH_2CH_2CH_2O)_t$, and $(aa)_{t'}$;

aa is independently at each occurrence an amino acid;

Z is selected from the group: aryl substituted with 0-1 R^{10}, C_{3-10} cycloalkyl substituted with 0-1 R^{10}, and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-1 R^{10};

R^6, R^{6a}, R^7, R^{7a}, and R^8 are independently selected at each occurrence from the group: H, =O, COOH, SO_3H, C_1-C_5 alkyl substituted with 0-1 R^{10}, aryl

substituted with 0-1 R^{10}, benzyl substituted with 0-1 R^{10}, and C_1-C_5 alkoxy substituted with 0-1 R^{10}, $NHC(=O)R^{11}$, $C(=O)NHR^{11}$, $NHC(=O)NHR^{11}$, NHR^{11}, R^{11}, and a bond to C_h;

k is 0 or 1;
s is selected from 0, 1, 2, 3, 4, and 5;
s' is selected from 0, 1, 2, 3, 4, and 5;
s" is selected from 0, 1, 2, 3, 4, and 5;
t is selected from 0, 1, 2, 3, 4, and 5;

A^1, A^2, A^3, A^4, A^5, A^6, A^7, and A^8 are independently selected at each occurrence from the group: NR^{13}, $NR^{13}R^{14}$, S, SH, S(Pg), OH, and a bond to L_n;

E is a bond, CH, or a spacer group independently selected at each occurrence from the group: C_1-C_{10} alkyl substituted with 0-3 R^{17}, aryl substituted with 0-3 R^{17}, C_{3-10} cycloalkyl substituted with 0-3 R^{17}, and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3 R^{17};

R^{13} and R^{14} are each independently selected from the group: a bond to L_n, hydrogen, C_1-C_{10} alkyl substituted with 0-3 R^{17}, aryl substituted with 0-3 R^{17}, a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3 R^{17}, and an electron, provided that when one of R^{13} or R^{14} is an electron, then the other is also an electron;

alternatively, R^{13} and R^{14} combine to form $=C(R^{20})(R^{21})$;

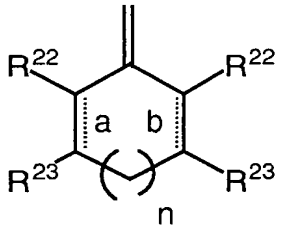
R^{17} is independently selected at each occurrence from the group: a bond to L_n, =O, F, Cl, Br, I, $-CF_3$, -CN,

$-CO_2R^{18}$, $-C(=O)R^{18}$, $-C(=O)N(R^{18})_2$, $-CH_2OR^{18}$, $-OC(=O)R^{18}$, $-OC(=O)OR^{18a}$, $-OR^{18}$, $-OC(=O)N(R^{18})_2$, $-NR^{19}C(=O)R^{18}$, $-NR^{19}C(=O)OR^{18a}$, $-NR^{19}C(=O)N(R^{18})_2$, $-NR^{19}SO_2N(R^{18})_2$, $-NR^{19}SO_2R^{18a}$, $-SO_3H$, $-SO_2R^{18a}$, $-S(=O)R^{18a}$, $-SO_2N(R^{18})_2$, $-N(R^{18})_2$, $-NHC(=S)NHR^{18}$, $=NOR^{18}$, $-C(=O)NHNR^{18}R^{18a}$, $-OCH_2CO_2H$, and 2-(1-morpholino)ethoxy;

R^{18}, R^{18a}, and R^{19} are independently selected at each occurrence from the group: a bond to L_n, H, and C_1-C_6 alkyl;

R^{20} and R^{21} are independently selected from the group: H, C_1-C_5 alkyl, $-CO_2R^{25}$, C_2-C_5 1-alkene substituted with 0-3 R^{23}, C_2-C_5 1-alkyne substituted with 0-3 R^{23}, aryl substituted with 0-3 R^{23}, and unsaturated 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3 R^{23};

alternatively, R^{20} and R^{21}, taken together with the divalent carbon radical to which they are attached form:



R^{22} and R^{23} are independently selected from the group: H, and R^{24};

alternatively, R^{22}, R^{23} taken together form a fused aromatic or a 5-10 membered heterocyclic ring system

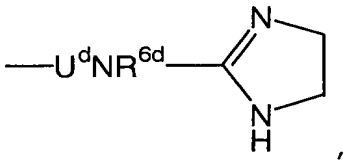
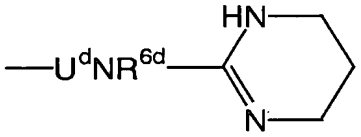
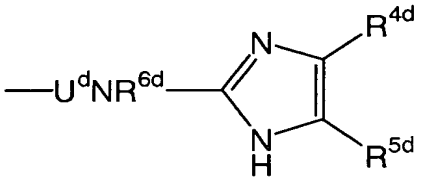
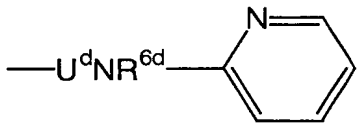
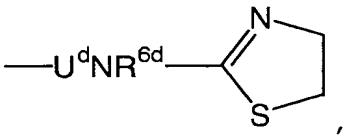
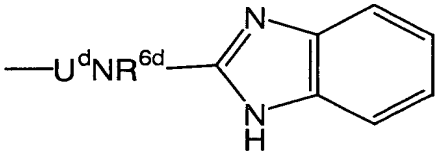
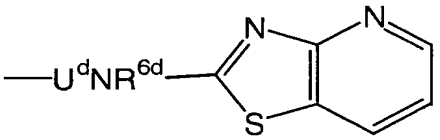
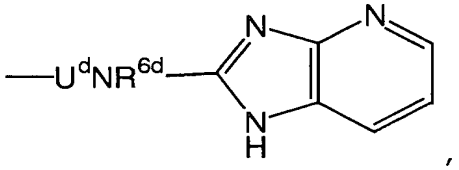
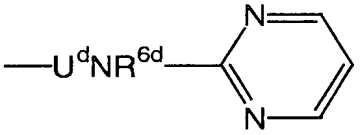
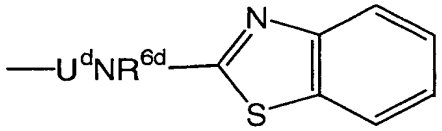
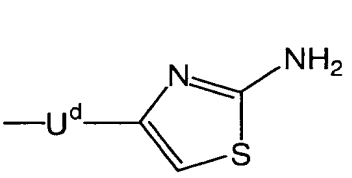
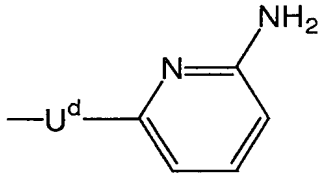
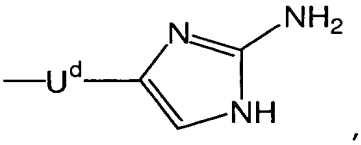
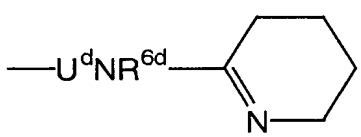
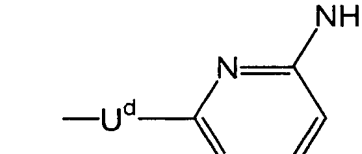
containing 1-4 heteroatoms independently selected from N, S, and O;

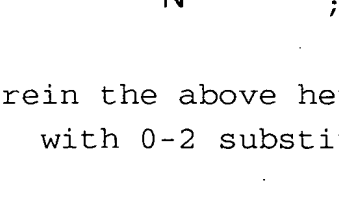
R^{24} is independently selected at each occurrence from the group: $-CO_2R^{25}$, $-C(=O)N(R^{25})_2$, $-CH_2OR^{25}$, $-OC(=O)R^{25}$, $-OR^{25}$, $-SO_3H$, $-N(R^{25})_2$, and $-OCH_2CO_2H$; and,

R^{25} is independently selected at each occurrence from the group: H and C_1-C_3 alkyl.

4. A compound according to Claim 3, wherein:

R^{1de} is selected from:



or ;

wherein the above heterocycles are optionally substituted with 0-2 substituents selected from the group: NH_2,

halogen, NO_2, CN, CF_3, C_1-C_4 alkoxy, C_1-C_6 alkyl, and C_3-C_7 cycloalkyl;

U^d is $-(CH_2)_n-$, $-(CH_2)_t{}^{d}Q^{d}(CH_2)_m{}^{d}-$ or $-C(=O)(CH_2)_{n-1}{}^{d}-$, wherein one of the methylene groups is optionally substituted with R^{7d};

R^{7d} is selected from: C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, aryl(C_1-C_6 alkyl), heteroaryl, and heteroaryl(C_1-C_6 alkyl);

R^{10d} is selected from: H, R^{1de}, C_1-C_4 alkoxy substituted with 0-1 R^{21d}, halogen, CO_2R^{17d}, $CONR^{17d}R^{20d}$, C_1-C_6 alkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_3-C_7 cycloalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_4-C_{11} cycloalkylalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, and aryl(C_1-C_6 alkyl)- substituted with 0-1 R^{15d} or 0-2 R^{11d} or 0-1 R^{21d};

R^{10de} is selected from: H, C_1-C_4 alkoxy substituted with 0-1 R^{21d}, halogen, CO_2R^{17d}, $CONR^{17d}R^{20d}$, C_1-C_6 alkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_3-C_7 cycloalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_4-C_{11} cycloalkylalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, and aryl(C_1-C_6 alkyl)- substituted with 0-1 R^{15d} or 0-2 R^{11d} or 0-1 R^{21d};

W^d is $-C(=O)-N(R^{13d})-$;

X^d is $-CH(R^{14d})-CH(R^{15d})-$;

R^{13d} is H or CH_3;

R^{14d} is selected from:
H, C_1-C_{10} alkyl, aryl, or heteroaryl, wherein said aryl or heteroaryl groups are optionally substituted with 0-3 substituents selected from the group consisting of: C_1-C_4 alkyl, C_1-C_4 alkoxy, aryl, halo, cyano, amino, CF_3, and NO_2;

R^{15d} is H or R^{16d};

Y^d is $-COR^{19d}$;

R^{19d} is selected from:
hydroxy, C_1-C_{10} alkoxy,
methylcarbonyloxymethoxy-,
ethylcarbonyloxymethoxy-,
t-butylcarbonyloxymethoxy-,
cyclohexylcarbonyloxymethoxy-,
1-(methylcarbonyloxy)ethoxy-,
1-(ethylcarbonyloxy)ethoxy-,
1-(t-butylcarbonyloxy)ethoxy-,
1-(cyclohexylcarbonyloxy)ethoxy-,
i-propyloxycarbonyloxymethoxy-,
t-butyloxycarbonyloxymethoxy-,
1-(i-propyloxycarbonyloxy)ethoxy-,
1-(cyclohexyloxycarbonyloxy)ethoxy-,
1-(*t*-butyloxycarbonyloxy)ethoxy-,
dimethylaminoethoxy-,
diethylaminoethoxy-,
(5-methyl-1,3-dioxacyclopenten-2-on-4-yl)methoxy-,
(5-(*t*-butyl)-1,3-dioxacyclopenten-2-on-4-yl)methoxy-,
(1,3-dioxa-5-phenyl-cyclopenten-2-on-4-yl)methoxy-, and
1-(2-(2-methoxypropyl)carbonyloxy)ethoxy-;

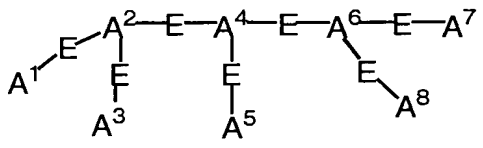
R^{20d} is H or CH_3;

m^d is 0 or 1;

n^d is 1-4;

t^d is 0 or 1;

C_h is



;

A^1 is selected from the group: OH, and a bond to L_n;

A^2, A^4, and A^6 are each N;

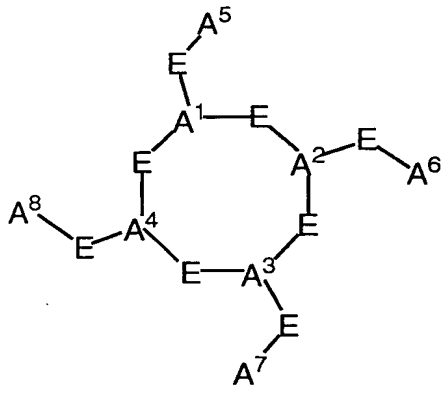
A^3, A^5, and A^8 are each OH;

A^7 is a bond to L_n or NH-bond to L_n;

E is a C_2 alkyl substituted with 0-1 R^{17};

R^{17} is =O;

alternatively, C_h is



;

A^1 is selected from the group: OH and a bond to L_n;

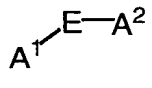
A^2, A^3 and A^4 are each N;

A^5, A^6 and A^8 are each OH;

A^7 is a bond to L_n;

E is a C_2 alkyl substituted with 0-1 R^{17};

R^{17} is =O;

alternatively, C_h is  ;

A^1 is NH_2 or $N=C(R^{20})(R^{21})$;

E is a bond;

A^2 is NHR^{13};

R^{13} is a heterocycle substituted with R^{17}, the heterocycle being selected from pyridine and pyrimidine;

R^{17} is selected from a bond to L_n, $C(=O)NHR^{18}$ and $C(=O)R^{18}$;

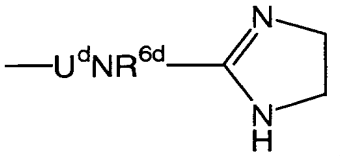
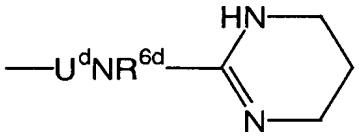
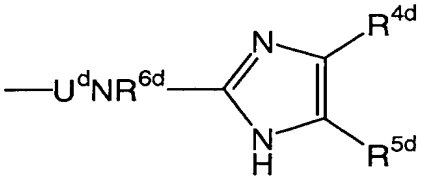
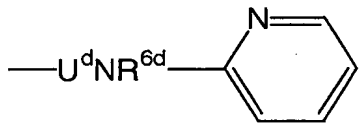
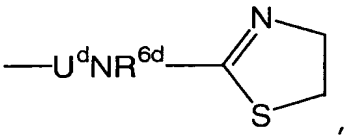
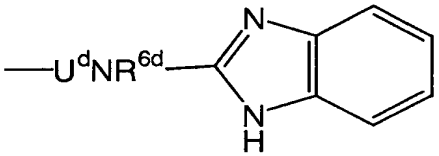
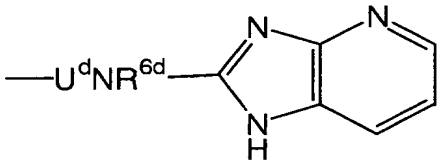
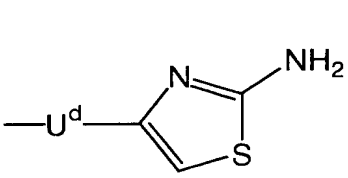
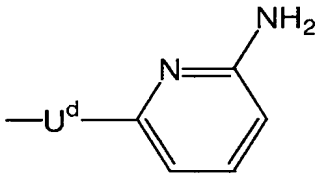
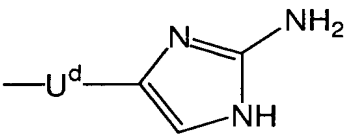
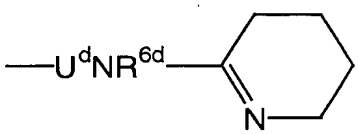
R^{18} is a bond to L_n;

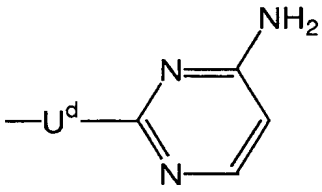
R^{24} is selected from the group: $-CO_2R^{25}$, $-OR^{25}$, $-SO_3H$, and $-N(R^{25})_2$; and,

R^{25} is independently selected at each occurrence from the group: hydrogen and methyl.

5. A compound according to Claim 4, wherein:

R^{1de} is selected from:



or ;

wherein the above heterocycles are optionally substituted with 0-2 substituents selected from the group: NH_2, halogen, NO_2, CN, CF_3, C_1-C_4 alkoxy, C_1-C_6 alkyl, and C_3-C_7 cycloalkyl.

6. A compound according to Claim 2, wherein the compound is selected from the group:

2-(((4-(4-(((3-(2-(2-(3-((6-((1-aza-2-(2-sulfophenyl)vinyl)amino)(3-pyridyl))carbonylamino)propoxy)-ethoxy)ethoxy)propyl)amino)sulfonyl)-phenyl)phenyl)sulfonyl)amino)-3-((1-(3-(imidazole-2-ylamino)propyl)(1H-indazol-5-yl))carbonylamino)propanoic acid;

2-(2-aza-2-((5-(N-(1,3-bis(3-(2-(2-(3-(((4-(4-(((1-carboxy-2-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonylamino)ethyl)amino)sulfonyl)-phenyl)phenyl)sulfonyl)amino)propoxy)-ethoxy)ethoxy)propyl)carbamoyl)propyl)carbamoyl)(2-pyridyl))amino)vinyl)benzenesulfonic acid;

2-((6-((1-aza-2-(sulfophenyl)vinyl)amino)(3-pyridyl))carbonylamino)-4-(N-(3-(2-(2-(3-(((4-(4-(((1-carboxy-2-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonylamino)-ethyl)amino)sulfonyl)phenyl)phenyl)sulfonyl)-amino)propoxy)-ethoxy)ethoxy)propyl)carbamoyl)butanoic acid;

3-((1-(3-(imidazole-2-ylamino)propyl)(1H-indazol-5-yl))carbonylamino)-2-(((4-(4-(((3-(2-(2-(3-(2-(1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)-cyclododecyl)-acetylamino)propoxy)ethoxy)ethoxy)propyl)amino)sulfonyl)phenyl)phenyl)sulfonyl)amino)propanoic acid;

2-(6-((6-((1-aza-2-(2-sulfophenyl)vinyl)-amino)(3-pyridyl))carbonylamino)hexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonylamino)-propanoic acid;

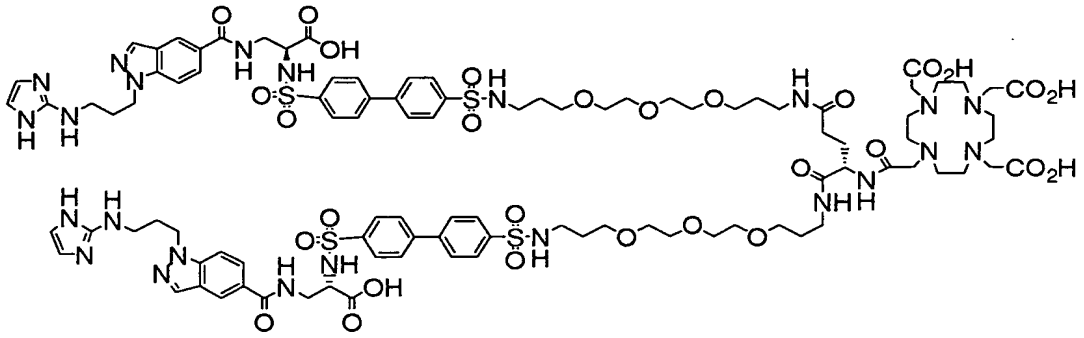
2-((6-((1-aza-2-(2-sulfophenyl)vinyl)-amino)(3-pyridyl))carbonylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonylamino)propanoic acid;

[2-[[[5-[carbonyl]-2-pyridinyl]hydrazono]methyl]-benzenesulfonic acid]-Glu(2-(6-aminohexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic acid)(2-(6-aminohexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic acid);

[2-[[[5-[carbonyl]-2-pyridinyl]hydrazono]methyl]-benzenesulfonic acid]-Glu-bis-[Glu(2-(6-Aminohexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic acid)(2-(6-aminohexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic acid)];

2-(1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)-1-cyclododecyl)acetyl-{2-(6-aminohexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic acid};

2-(1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)-1-cyclododecyl)acetyl-Glu{2-(6-Aminohexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic acid}{2-(6-Aminohexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic acid};



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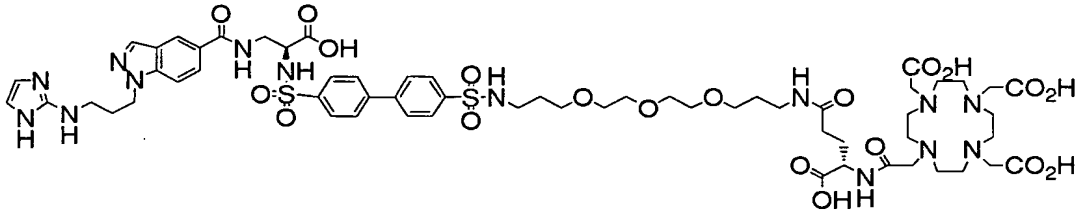

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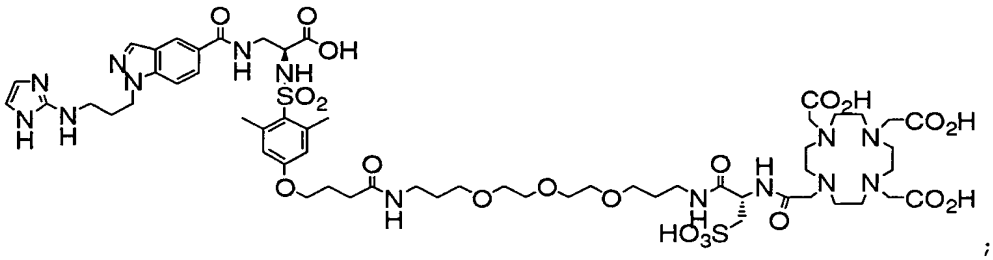

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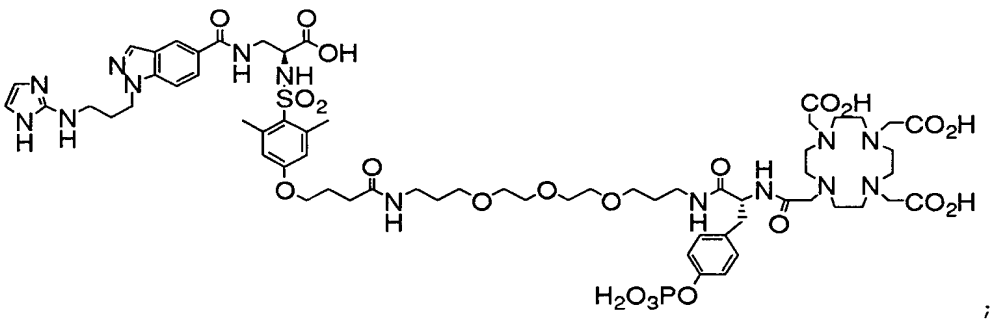

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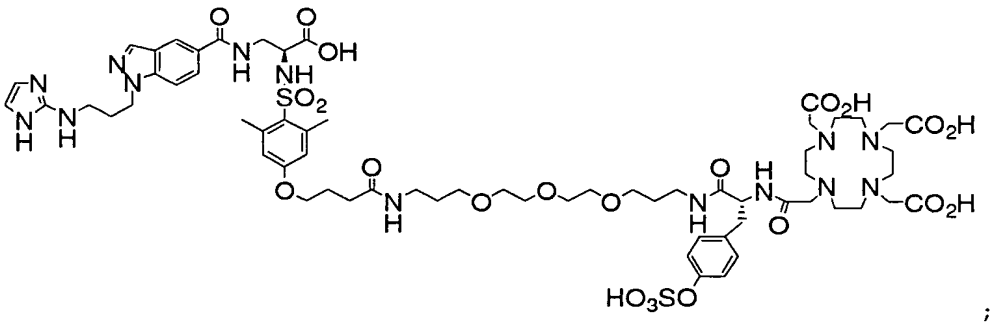

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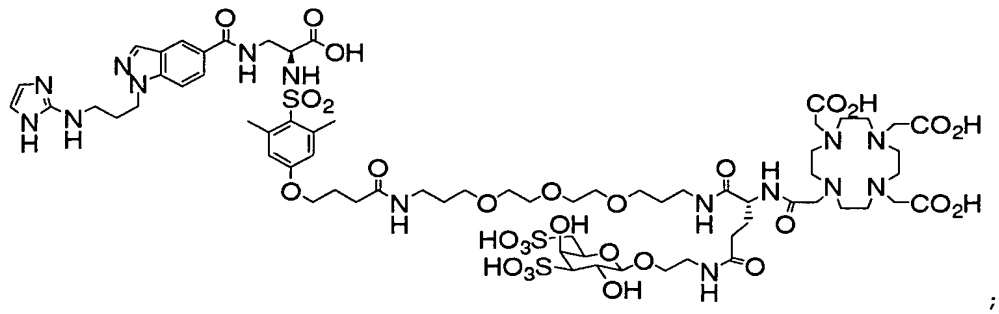

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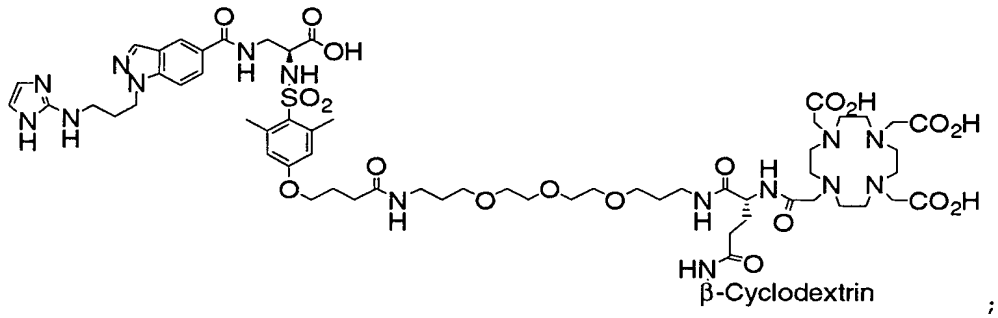

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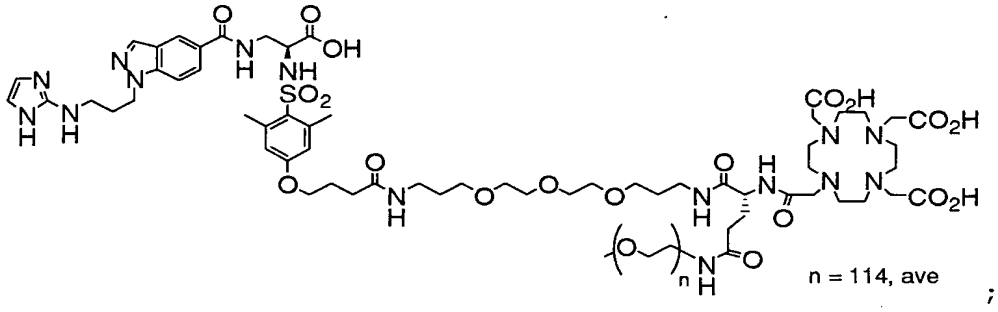

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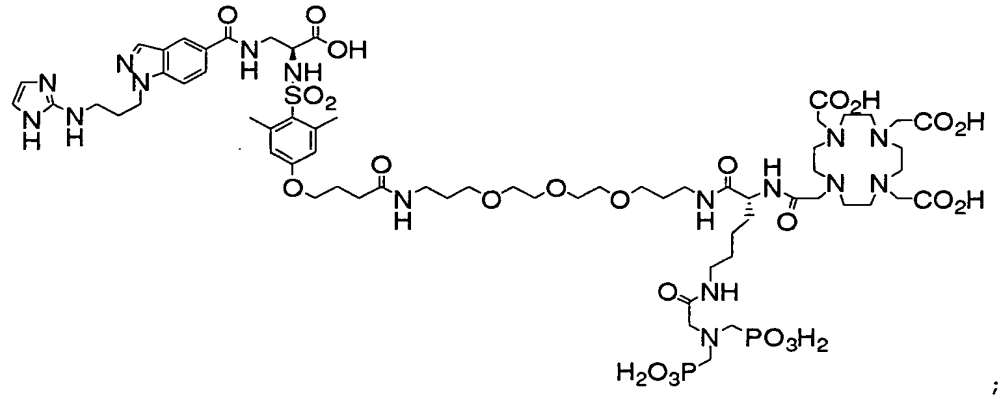
2-(((4-(3-(N-(3-(2-(2-(3-(2-(1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecylacetylamino)-6-aminohexanoylamino)propoxy)ethoxy)ethoxy)propyl)-carbamoyl)propoxy)-2,6-dimethylphenyl)-sulfonyl)amino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonylamino)-propionic acid salt;



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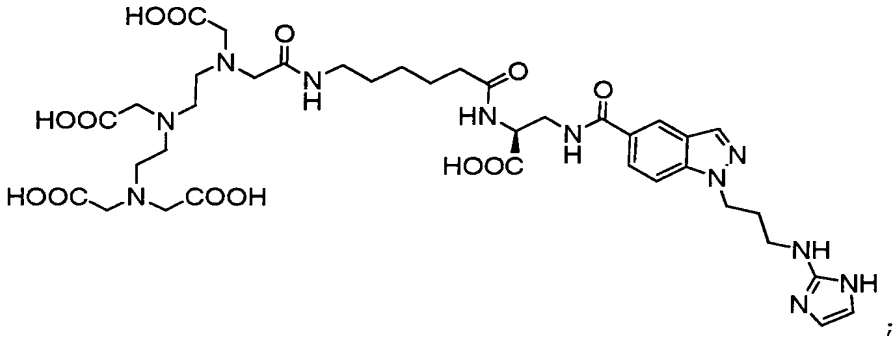

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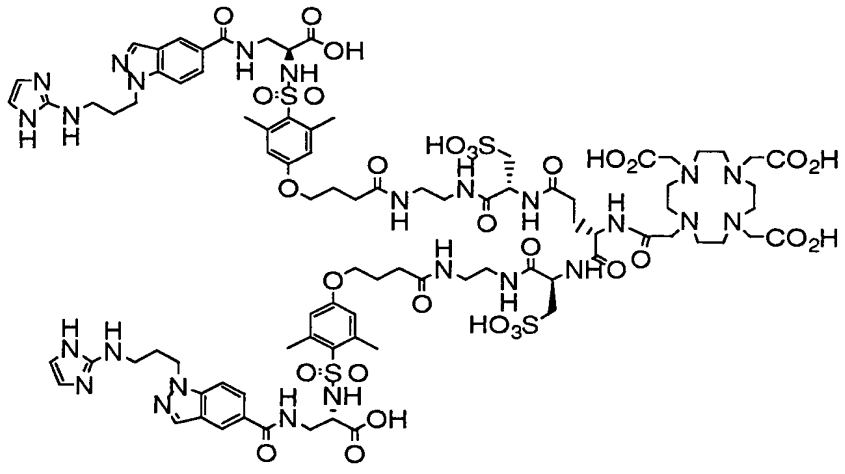
2-({[4-(3-{N-[2-((2R)-3-Sulfo-2-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]acetylamino}-propyl)ethyl]carbamoyl}propoxy)-2,6-dimethylphenyl]-sulfonyl}amino)(2S)-3-({1-[3-(imidazol-2-ylamino)propyl](1H-indazol-5-yl)}carbonylamino)propanoic Acid;



;

2-[({4-[4-({[2-((2R)-3-Sulfo-2-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]-

acetylamino}propyl)ethyl]amino}sulfonyl)phenyl]pheny
l}sulfonyl)amino](2S)-3-({1-[3-(imidazol-2-
ylamino)propyl](1H-indazol-5-
yl)}carbonylamino)propanoic Acid;

(4S)-4-(N-{1-[N-(2-{4-[4-({[(1S)-1-carboxy-2-({1-[3-(2-
pyridylamino)propyl](1H-indazol-5-
yl)}carbonylamino)ethyl]amino}sulfonyl)-3,5-
dimethylphenoxy]butanoylamino}ethyl)carbamoyl]-3-
carboxypropyl}carbamoyl)-4-{2-[1,4,7,10-tetraaza-
4,7,10-
tris(carboxymethyl)cyclododecyl]acetylamino}butanoic
acid;

(4S)-4-(N-{1-[N-(2-{4-[4-({[(1S)-1-carboxy-2-({1-[3-
(imidazol-2-ylamino)propyl](1H-indazol-5-
yl)}carbonylamino)ethyl]amino}sulfonyl)-3,5-
dimethylphenoxy]butanoylamino}ethyl)carbamoyl]-3-
carboxypropyl}carbamoyl)-4-{2-[1,4,7,10-tetraaza-
4,7,10-
tris(carboxymethyl)cyclododecyl]acetylamino}butanoic
acid;

(4S)-4-{N-[(1S)-1-(N-{1,3-bis[N-(2-{4-[4-({[(1S)-1-
carboxy-2-({1-[3-(imidazol-2-ylamino)propyl](1H-
indazol-5-yl)}carbonylamino)ethyl]amino}sulfonyl)-
3,5-
dimethylphenoxy]butanoylamino}ethyl)carbamoyl]propyl
}carbamoyl)-3-carboxypropyl]carbamoyl}-4-(6-{2-
[1,4,7,10-tetraaza-4,7,10-
tris(carboxymethyl)cyclododecyl]acetylamino}
hexanoylamino)butanoic acid;

(4S)-4-(N-{1-[N-(2-{4-[4-({[(1S)-1-carboxy-2-({1-[3-
(3,4,5,6-tetrahydropyrimidin-2-ylamino)propyl](1H-
indazol-5-yl)}carbonylamino)ethyl]amino}sulfonyl)-
3,5-dimethylphenoxy]butanoylamino}ethyl)carbamoyl]-
3-carboxy propyl}carbamoyl)-4-{2-[1,4,7,10-tetraaza-
4,7,10-tris

(carboxymethyl)cyclododecyl]acetylamino}butanoic acid;

(4S)-4-(N-{1-[N-(2-{4-[4-({[(1S)-1-carboxy-2-({1-methyl-3-[3-(2-3,4,5,6-tetrahydropyridylamino)propyl] (1H-indazol-6-yl)}carbonylamino)ethyl]amino}sulfonyl)-3,5-dimethylphenoxy]butanoylamino}ethyl)carbamoyl]-3-carboxypropyl}carbamoyl)-4-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]acetylamino}butanoic acid;

(4S)-4-(N-{(1S)-1-[N-(2-{4-[4-({[(1S)-1-carboxy-2-({1-[2-(2-3,4,5,6-tetrahydropyridylamino)ethyl] (1H-indazol-5-yl)}carbonylamino)ethyl]amino}sulfonyl)-3,5-dimethylphenoxy]butanoylamino}ethyl)carbamoyl]-3-carboxy propyl}carbamoyl)-4-{2-[1,4,7,10-tetraaza-4,7,10-tris (carboxymethyl)cyclododecyl]acetylamino}butanoic acid;

(2S)-2-{[(2,6-dimethyl-4-{3-[N-(2-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]acetyl-amino}ethyl)carbamoyl]propoxy}phenyl)sulfonyl]amino}-3-({2-[2-(2-3,4,5,6-tetrahydropyridylamino)ethyl](2-hydro-1H-indazol-5-yl)}carbonylamino)propanoic acid;

(4S)-4-{N-[(1S)-1-(N-{2-[({4-[4-({[(1S)-1-carboxy-2-({1-[2-(2-3,4,5,6-tetrahydropyridylamino)ethyl] (1H-indazol-5-yl)}carbonylamino)ethyl]amino}sulfonyl)phenyl] phenyl}sulfonyl)amino]ethyl}carbamoyl)-3-carboxypropyl] carbamoyl}-4-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxy-methyl)cyclododecyl]acetylamino}butanoic acid;

(4S)-4-{N-[(1S)-1-(N-{2-[({4-[4-({[(1S)-1-carboxy-2-({1-[3-(3,4,5,6-tetrahydropyrimidin-2-ylamino)

propyl](1H-indazol-5-yl)}carbonylamino)ethyl]amino}sulfonyl)phenyl]phenyl}sulfonyl)amino]ethyl}carbamoyl)-3-carboxy propyl]carbamoyl}-4-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]acetylamino}butanoic acid;

(2S)-3-({3-[(imidazol-2-ylamino) methyl]-1-methyl(1H-indazol-6-yl)}carbonylamino)-2-({[4-(4-{[(2-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]acetylamino}ethyl)amino]sulfonyl}phenyl)phenyl]sulfonyl}amino)propanoic acid;

3-[(7-{3-[(6-{[(1E)-1-aza-2-(2-sulfophenyl)vinyl]amino}(3-pyridyl))carbonylamino]propoxy}-1-[3-(imidazol-2-ylamino)propyl](1H-indazol-5-yl))-carbonylamino](2S)-2-{[(2,4,6-trimethylphenyl)sulfonyl]-amino}propanoic acid; and

3-{[1-[3-(imidazol-2-ylamino)propyl]-7-(3-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]-acetylamino}propoxy)(1H-indazol-5-yl)]carbonylamino}-2-{[(2,4,6-trimethylphenyl)sulfonyl]amino}propanoic acid;

or a pharmaceutically acceptable salt form thereof.

7. A kit comprising a compound of Claim 2, or a pharmaceutically acceptable salt form thereof and a pharmaceutically acceptable carrier.

8. A kit according to Claim 7, wherein the kit further comprises one or more ancillary ligands and a reducing agent.

9. A kit according to Claim 8, wherein the ancillary ligands are tricine and TPPTS.

10. A kit according to Claim 8, wherein the reducing agent is tin(II).

11. A diagnostic or therapeutic metallopharmaceutical composition, comprising: a metal, a chelator capable of chelating the metal and a targeting moiety, wherein the targeting moiety is bound to the chelator, is an indazole nonpeptide and binds to a receptor that is upregulated during angiogenesis and the compound has 0-1 linking groups between the targeting moiety and chelator.

12. A composition according to Claim 11, wherein the metallopharmaceutical is a diagnostic radiopharmaceutical, the metal is a radioisotope selected from the group: ^{99m}Tc, ^{95}Tc, ^{111}In, ^{62}Cu, ^{64}Cu, ^{67}Ga, and ^{68}Ga, and the linking group is present between the targeting moiety and chelator.

13. A composition according to Claim 12, wherein the targeting moiety is an indazole and the receptor is $\alpha_v\beta_3$ or $\alpha_v\beta_5$.

14. A composition according to Claim 13, wherein the radioisotope is ^{99m}Tc or ^{95}Tc, the radiopharmaceutical further comprises a first ancillary ligand and a second ancillary ligand capable of stabilizing the radiopharmaceutical.

15. A composition according to Claim 14, wherein the radioisotope is ^{99m}Tc.

16. A composition according to Claim 15, wherein the radiopharmaceutical is selected from the group:

^{99m}Tc ((((4-(4-(((3-(2-(2-(3-((6-(diazenido)(3-pyridyl))carbonylamino)propoxy)-ethoxy)ethoxy)propyl)amino)sulfonyl)-phenyl)phenyl)sulfonyl)amino)-3-((1-(3-(imidazole-2-ylamino)propyl)(1H-indazol-5-yl))carbonylamino)propanoic acid) (tricine)(TPPTS);

^{99m}Tc (2-(2-((5-(N-(1,3-bis(3-(2-(2-(3-(((4-(4-(((1-carboxy-2-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonylamino)ethyl)amino)sulfonyl)-phenyl)phenyl)sulfonyl)amino)propoxy)-ethoxy)ethoxy)propyl)carbamoyl)propyl)carbamoyl)(2-pyridyl))2-diazenido) (tricine)(TPPTS);

^{99m}Tc (2-((6-(diazenido)(3-pyridyl))carbonylamino)-4-(N-(3-(2-(2-(3-(((4-(4-(((1-carboxy-2-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonylamino)-ethyl)amino)sulfonyl)phenyl)phenyl)sulfonyl)-amino)propoxy)-ethoxy)ethoxy)propyl)carbamoyl)butanoic acid) (tricine)(TPPTS);

^{99m}Tc (2-(6-((6-(diazenido)(3-pyridyl))carbonylamino)hexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonylamino)-propanoic acid) (tricine)(TPPTS);

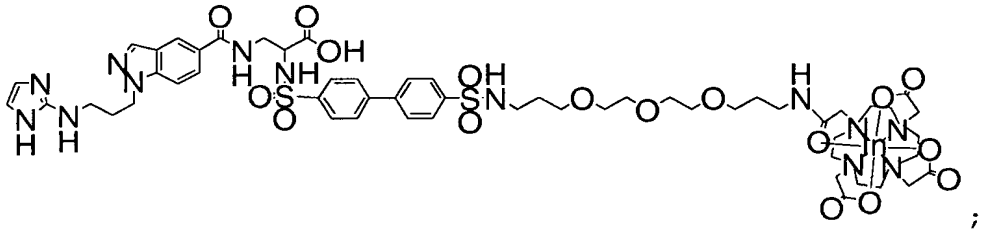
^{99m}Tc (2-((6-(diazenido)(3-pyridyl))carbonylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonylamino)propanoic acid (tricine)(TPPTS);

^{99m}Tc [2-[[[5-[carbonyl]-2-pyridinyl]diazenido]-Glu(2-(6-aminohexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic acid)(2-(6-aminohexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic acid)) (tricine)(TPPTS);

^{99m}Tc ([2-[[[5-[carbonyl]-2-pyridinyl]diazenido]-Glu-bis-[Glu(2-(6-aminohexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic acid)(2-(6-aminohexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic acid)]) (tricine)(TPPTS);

17. A composition according to Claim 13, wherein the radioisotope is ^{111}In.

18. A composition according to Claim 17, wherein, the radiopharmaceutical is selected from the group:



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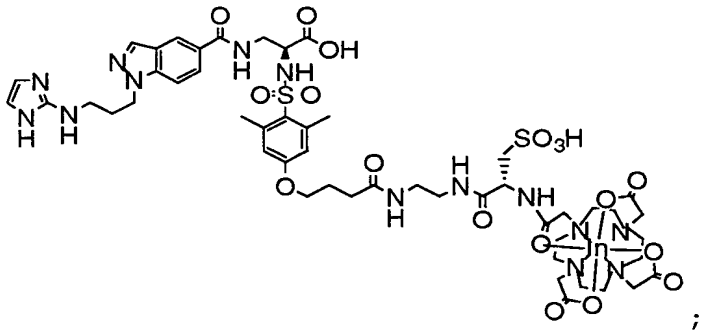

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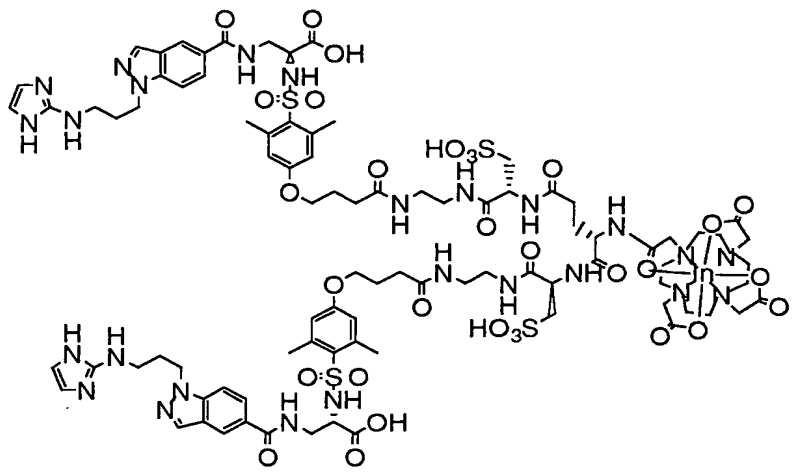

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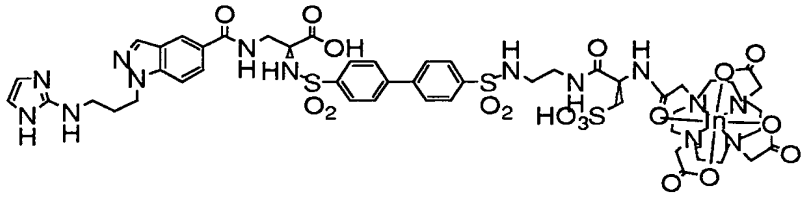

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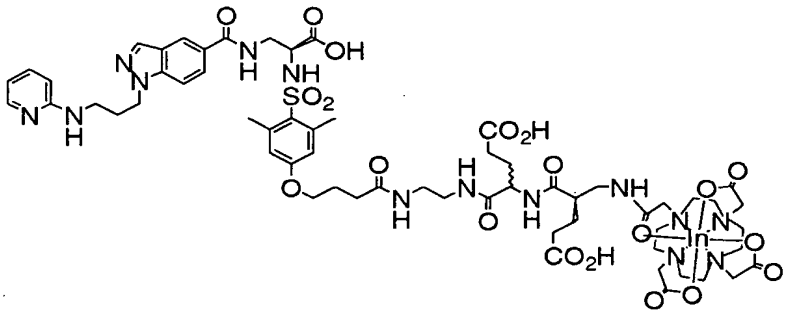

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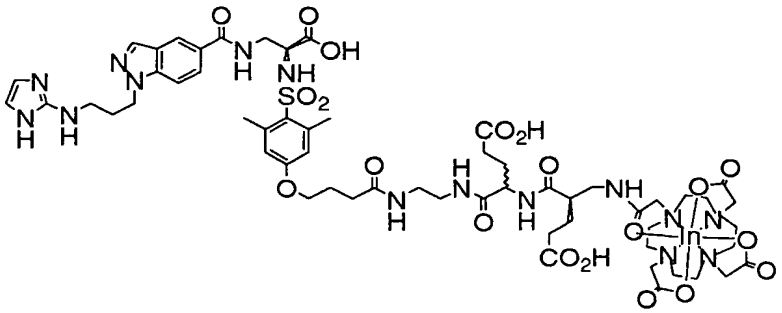

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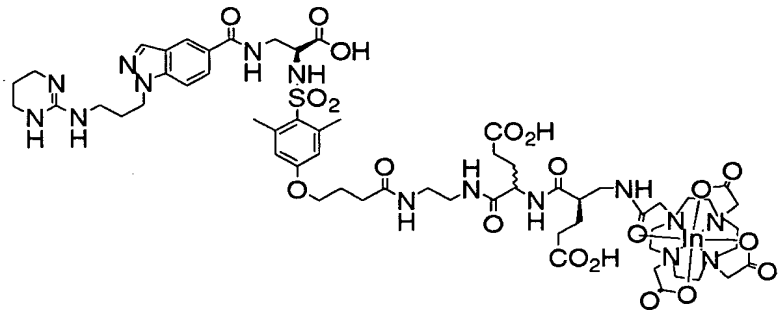
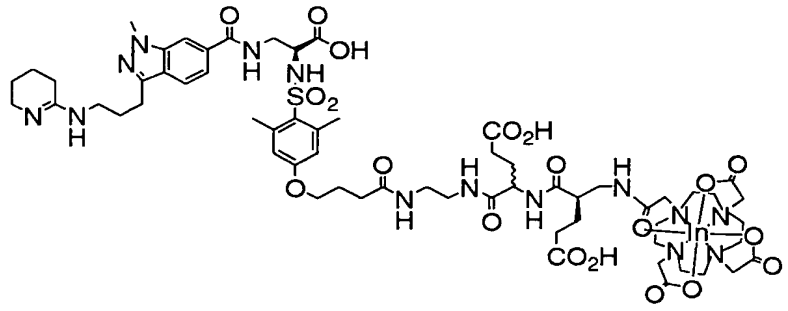


; and



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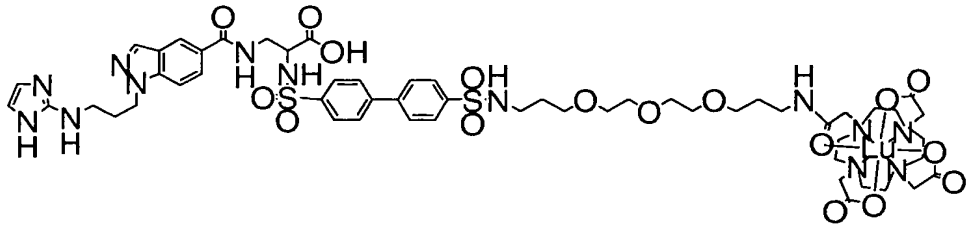
19. A composition according to Claim 11, wherein the metallopharmaceutical is a therapeutic radiopharmaceutical, the metal is a radioisotope selected from the group: ^{186}Re, ^{188}Re, ^{153}Sm, ^{166}Ho, ^{177}Lu, ^{149}Pm, ^{90}Y, ^{212}Bi, ^{103}Pd, ^{109}Pd, ^{159}Gd, ^{140}La, ^{198}Au, ^{199}Au, ^{169}Yb, ^{175}Yb, ^{165}Dy, ^{166}Dy, ^{67}Cu, ^{105}Rh, ^{111}Ag, and ^{192}Ir, the targeting moiety is an indazole nonpeptide and the linking group is present between the targeting moiety and chelator.

20. A composition according to Claim 19, wherein the targeting moiety is an indazole and the receptor is $\alpha_v\beta_3$ or $\alpha_v\beta_5$.

21. A composition according to Claim 20, wherein the radioisotope is ^{153}Sm.

22. A composition according to Claim 20, wherein the radioisotope is ^{177}Lu.

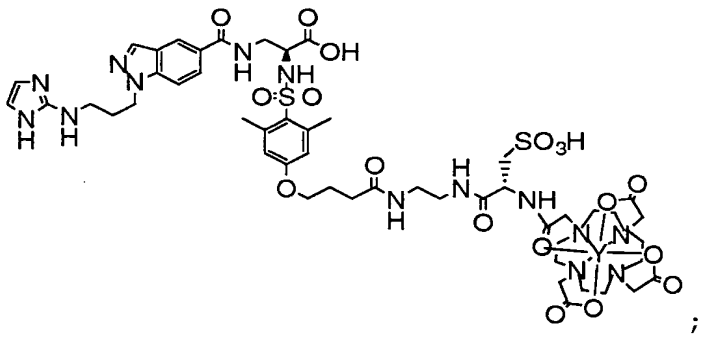
23. A composition according to Claim 22, wherein the radiopharmaceutical is



24. A composition according to Claim 20, wherein the radioisotope is ^{90}Y.

25. A composition according to Claim 24, wherein, the radiopharmaceutical is selected from the group:


;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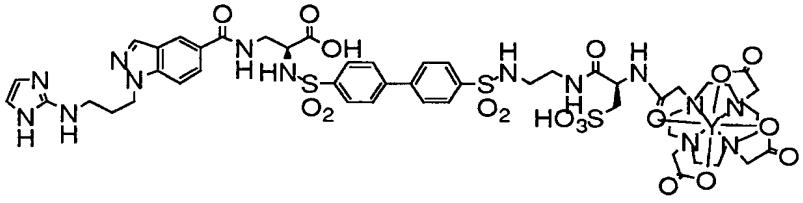
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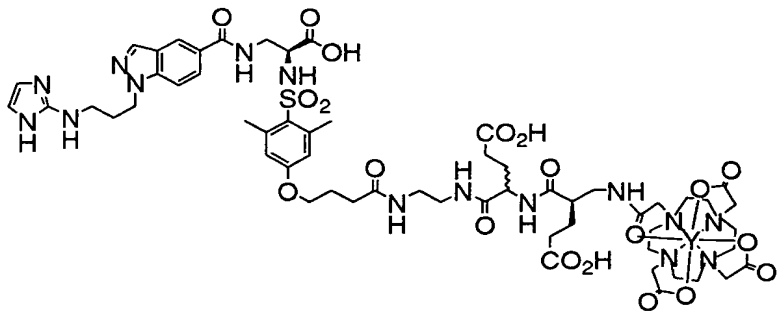
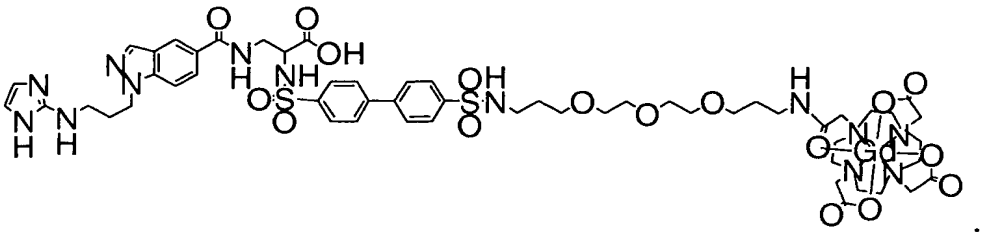


26. A composition according to Claim 11, wherein the metallopharmaceutical is a MRI contrast agent, the metal is a paramagnetic metal ion selected from the group: Gd(III), Dy(III), Fe(III), and Mn(II), the targeting moiety is an indazole nonpeptide and the linking group is present between the targeting moiety and chelator.

27. A composition according to Claim 26, wherein the targeting moiety is an indazole and the receptor is $\alpha_v\beta_3$ or $\alpha_v\beta_5$.

28. A composition according to Claim 27, wherein the metal ion is Gd(III).

29. A composition according to Claim 28, wherein the contrast agent is



30. A composition according to Claim 11, wherein the metallopharmaceutical is a X-ray contrast agent, the metal is selected from the group: Re, Sm, Ho, Lu, Pm, Y, Bi, Pd, Gd, La, Au, Au, Yb, Dy, Cu, Rh, Ag,

and Ir, the targeting moiety comprises an indazole, the receptor is $\alpha_v\beta_3$ or $\alpha_v\beta_5$, and the linking group is present between the targeting moiety and chelator.

31. A method of treating rheumatoid arthritis in a patient comprising: administering a therapeutic radiopharmaceutical of Claim 19 capable of localizing in new angiogenic vasculature to a patient by injection or infusion.

32. A method of treating cancer in a patient comprising: administering to a patient in need thereof a therapeutic radiopharmaceutical of Claim 19 by injection or infusion.

33. A method of treating restenosis in a patient comprising: administering to a patient, either systemically or locally, a therapeutic radiopharmaceutical of Claim 19 capable of localizing in the restenotic area and delivering an effective dose of radiation.

34. A method of imaging therapeutic angiogenesis in a patient comprising: (1) administering a diagnostic radiopharmaceutical, a MRI contrast agent, or a X-ray contrast agent of Claim 11 to a patient by injection or infusion; (2) imaging the area of the patient wherein the desired formation of new blood vessels is located.

35. A method of imaging atherosclerosis in a patient comprising: (1) administering a diagnostic radiopharmaceutical, a MRI contrast agent, or a X-ray contrast agent of Claim 11 to a patient by injection or infusion; (2) imaging the area of the patient wherein the atherosclerosis is located.

36. A method of imaging restenosis in a patient comprising: (1) administering a diagnostic radiopharmaceutical, a MRI contrast agent, or a X-ray contrast agent of Claim 11 to a patient by injection or infusion; (2) imaging the area of the patient wherein the restenosis is located.

37. A method of imaging cardiac ischemia in a patient comprising: (1) administering a diagnostic radiopharmaceutical, a MRI contrast agent, or a X-ray contrast agent of Claim 11 to a patient by injection or infusion; (2) imaging the area of the myocardium wherein the ischemic region is located.

38. A method of imaging myocardial reperfusion injury in a patient comprising: (1) administering a diagnostic radiopharmaceutical, a MRI contrast agent, or a X-ray contrast agent of Claim 11 to a patient by injection or infusion; (2) imaging the area of myocardium wherein the reperfusion injury is located.

39. A method of imaging cancer in a patient comprising: (1) administering a diagnostic radiopharmaceutical of Claim 12 to a patient by injection or infusion; (2) imaging the patient using planar or SPECT gamma scintigraphy, or positron emission tomography.

40. A method of imaging cancer in a patient comprising: (1) administering a MRI contrast agent of Claim 27; and (2) imaging the patient using magnetic resonance imaging.

41. A method of imaging cancer in a patient comprising: (1) administering a X-ray contrast agent of Claim 30; and (2) imaging the patient using X-ray computed tomography.

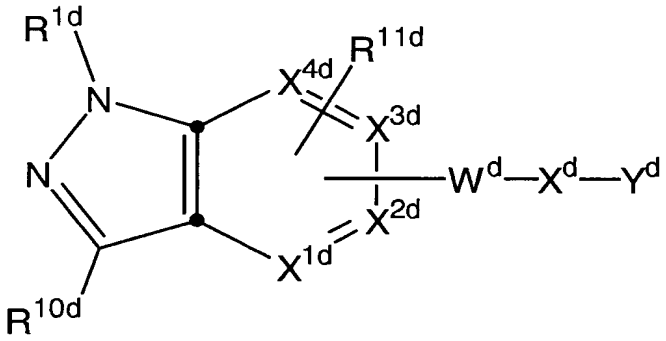
42. A compound, comprising: a targeting moiety and a surfactant, wherein the targeting moiety is bound to the surfactant, is an indazole nonpeptide, and binds to a receptor that is upregulated during angiogenesis and the compound has 0-1 linking groups between the targeting moiety and surfactant.

43. A compound according to Claim 42, wherein the linking group is present between the targeting moiety and surfactant.

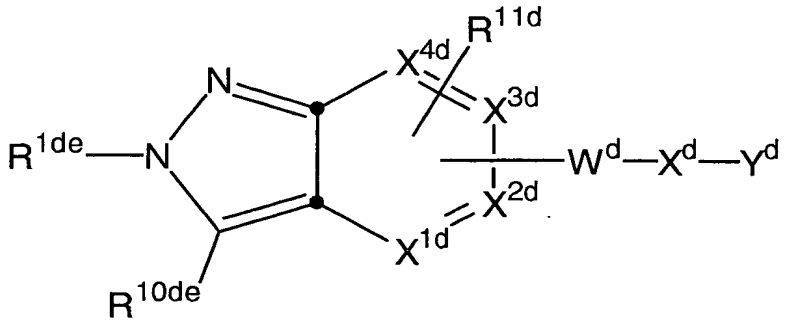
44. A compound according to Claim 43, wherein the receptor is the integrin $\alpha_v\beta_3$ or $\alpha_v\beta_5$ and the compound is of the formula:

$$(Q)_d\text{-}L_n\text{-}S_f$$

wherein, Q is a independently a compound of Formulae (Ia) or (Ib):



(Ia)



(Ib)

including stereoisomeric forms thereof, or mixtures of stereoisomeric forms thereof, or pharmaceutically acceptable salt or prodrug forms thereof wherein:

X^{1d} is N, CH, C-W^d-X^d-Y^d, or C-L_n;

X^{2d} is N, CH, or C-W^d-X^d-Y^d;

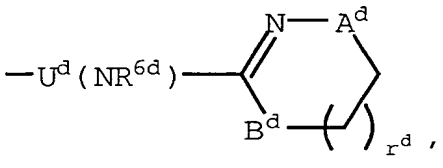
X^{3d} is N, CR^{11d}, or C-W^d-X^d-Y^d;

X^{4d} is N or CR^{11d};

provided that when R^{1d} is R^{1de} then one of X^{1d} and X^{2d} is C-W^d-X^d-Y^d, and when R^{10d} is R^{1de} then X^{3d} is C-W^d-X^d-Y^d;

R^{1d} is selected from: R^{1de}, C_1-C_6 alkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_3-C_6 alkenyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_3-C_7 cycloalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_4-C_{11} cycloalkylalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, aryl substituted with 0-1 R^{15d} or 0-2 R^{11d} or 0-1 R^{21d}, and aryl(C_1-C_6 alkyl)- substituted with 0-1 R^{15d} or 0-2 R^{11d} or 0-1 R^{21d};

R^{1de} is selected from: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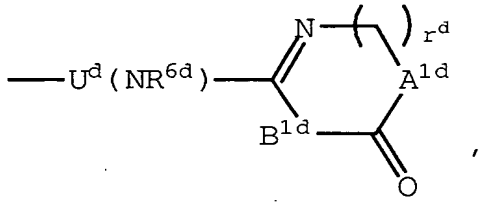
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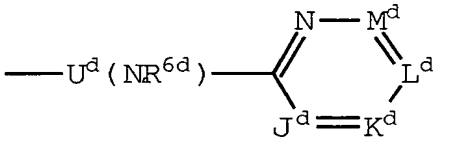
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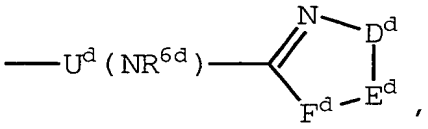
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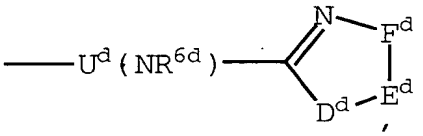
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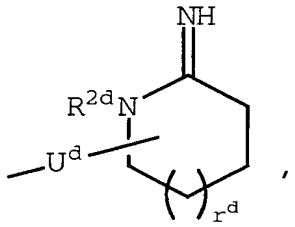
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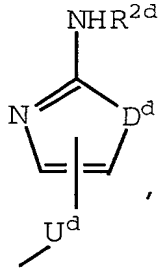
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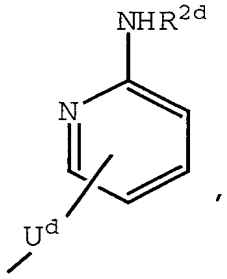
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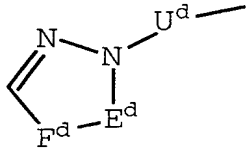
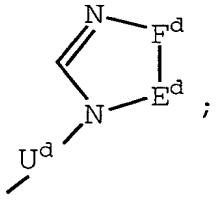

or


;

A^d and B^d are independently $-CH_2-$, $-O-$, $-N(R^{2d})-$, or $-C(=O)-$;

A^{1d} and B^{1d} are independently $-CH_2-$ or $-N(R^{3d})-$;

D^d is $-N(R^{2d})-$, $-O-$, $-S-$, $-C(=O)-$ or $-SO_2-$;

E^d-F^d is $-C(R^{4d})=C(R^{5d})-$, $-N=C(R^{4d})-$, $-C(R^{4d})=N-$, or $-C(R^{4d})_2C(R^{5d})_2-$;

J^d, K^d, L^d and M^d are independently selected from: $-C(R^{4d})-$, $-C(R^{5d})-$ and $-N-$, provided that at least one of J^d, K^d, L^d and M^d is not $-N-$;

R^{2d} is selected from: H, C_1-C_6 alkyl, (C_1-C_6 alkyl)carbonyl, (C_1-C_6 alkoxy)carbonyl; (C_1-C_6 alkyl)aminocarbonyl, C_3-C_6 alkenyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, heteroaryl(C_1-C_6 alkyl)carbonyl, heteroarylcarbonyl, aryl(C_1-C_6 alkyl)-, (C_1-C_6 alkyl)carbonyl-, arylcarbonyl, C_1-C_6 alkylsulfonyl, arylsulfonyl, aryl(C_1-C_6 alkyl)sulfonyl, heteroarylsulfonyl, heteroaryl(C_1-C_6 alkyl)sulfonyl, aryloxycarbonyl, and aryl(C_1-C_6 alkoxy)carbonyl, wherein said aryl groups are substituted with 0-2 substituents selected from the group consisting of C_1-C_4 alkyl, C_1-C_4 alkoxy, halo, CF_3, and nitro;

R^{3d} is selected from: H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, aryl(C_1-C_6 alkyl)-, and heteroaryl(C_1-C_6 alkyl)-;

R^{4d} and R^{5d} are independently selected from: H, C_1-C_4 alkoxy, $NR^{2d}R^{3d}$, halogen, NO_2, CN, CF_3, C_1-C_6 alkyl, C_3-C_6 alkenyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, aryl(C_1-C_6 alkyl)-, (C_1-C_6 alkyl)carbonyl, (C_1-C_6 alkoxy)carbonyl, arylcarbonyl, or

alternatively, when substituents on adjacent atoms, R^{4d} and R^{5d} can be taken together with the carbon atoms to which they are attached to form a 5-7 membered carbocyclic or 5-7 membered heterocyclic aromatic or non-aromatic ring system, said carbocyclic or heterocyclic ring being optionally substituted with 0-2 groups selected from: C_1-C_4 alkyl, C_1-C_4 alkoxy, halo, cyano, amino, CF_3, and NO_2;

U^d is selected from:

$-(CH_2)_n{}^d-$,

$-(CH_2)_n{}^d(CR^{7d}=CR^{8d})(CH_2)_m{}^d-$,

$-(CH_2)_n{}^d(C\equiv C)(CH_2)_m{}^d-$,

$-(CH_2)_t{}^dQ(CH_2)_m{}^d-$,

$-(CH_2)_n{}^dO(CH_2)_m{}^d-$,

$-(CH_2)_n{}^dN(R^{6d})(CH_2)_m{}^d-$,

$-(CH_2)_n{}^dC(=O)(CH_2)_m{}^d-$,

$-(CH_2)_n{}^d(C=O)N(R^{6d})(CH_2)_m{}^d-$

$-(CH_2)_n{}^dN(R^{6d})(C=O)(CH_2)_m{}^d-$, and

$-(CH_2)_n{}^dS(O)_p{}^d(CH_2)_m{}^d-$;

wherein one or more of the methylene groups in U^d is optionally substituted with R^{7d};

Q^d is selected from 1,2-cycloalkylene, 1,2-phenylene, 1,3-phenylene, 1,4-phenylene, 2,3-pyridinylene, 3,4-pyridinylene, 2,4-pyridinylene, and 3,4-pyridazinylene;

R^{6d} is selected from: H, C_1-C_4 alkyl, or benzyl;

R^{7d} and R^{8d} are independently selected from: H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, aryl(C_1-C_6 alkyl)-, and heteroaryl(C_0-C_6 alkyl)-;

R^{10d} is selected from: H, R^{1de}, C_1-C_4 alkoxy substituted with 0-1 R^{21d}, $N(R^{6d})_2$, halogen, NO_2, CN, CF_3, CO_2R^{17d}, $C(=O)R^{17d}$, $CONR^{17d}R^{20d}$, $-SO_2R^{17d}$, $-SO_2NR^{17d}R^{20d}$, C_1-C_6 alkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_3-C_6 alkenyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_3-C_7 cycloalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_4-C_{11} cycloalkylalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, aryl substituted with 0-1 R^{15d} or 0-2 R^{11d} or 0-1 R^{21d}, and aryl(C_1-C_6 alkyl)- substituted with 0-1 R^{15d} or 0-2 R^{11d} or 0-1 R^{21d};

R^{10de} is selected from: H, C_1-C_4 alkoxy substituted with 0-1 R^{21d}, $N(R^{6d})_2$, halogen, NO_2, CN, CF_3, CO_2R^{17d}, $C(=O)R^{17d}$, $CONR^{17d}R^{20d}$, $-SO_2R^{17d}$, $-SO_2NR^{17d}R^{20d}$, C_1-C_6 alkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_3-C_6 alkenyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_3-C_7 cycloalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, C_4-C_{11} cycloalkylalkyl substituted with 0-1 R^{15d} or 0-1 R^{21d}, aryl substituted with 0-1 R^{15d} or 0-2 R^{11d} or 0-1 R^{21d}, and aryl(C_1-C_6 alkyl)- substituted with 0-1 R^{15d} or 0-2 R^{11d} or 0-1 R^{21d};

R^{11d} is selected from H, halogen, CF_3, CN, NO_2, hydroxy, $NR^{2d}R^{3d}$, C_1-C_4 alkyl substituted with 0-1 R^{21d}, C_1-C_4 alkoxy substituted with 0-1 R^{21d}, aryl substituted with 0-1 R^{21d}, aryl(C_1-C_6 alkyl)- substituted with 0-1 R^{21d}, (C_1-C_4 alkoxy)carbonyl substituted with 0-1 R^{21d}, (C_1-C_4 alkyl)carbonyl substituted with 0-1 R^{21d}, C_1-C_4 alkylsulfonyl substituted with 0-1 R^{21d}, and C_1-C_4 alkylaminosulfonyl substituted with 0-1 R^{21d};

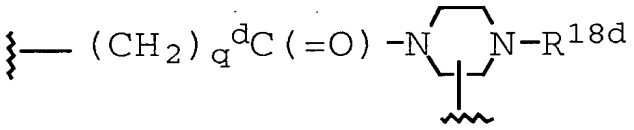
W^d is selected from:

$-(C(R^{12d})_2)_q{}^dC(=O)N(R^{13d})-$, and

$-C(=O)-N(R^{13d})-(C(R^{12d})_2)_q{}^d-$;

X^d is $-C(R^{12d})(R^{14d})-C(R^{12d})(R^{15d})-$; or

alternatively, W^d and X^d can be taken together to be



;

R^{12d} is selected from H, halogen, C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_3-C_7 cycloalkyl, C_4-C_{10} cycloalkylalkyl, (C_1-C_4 alkyl)carbonyl, aryl, and aryl(C_1-C_6 alkyl)-;

R^{13d} is selected from H, C_1-C_6 alkyl, C_3-C_7 cycloalkylmethyl, and aryl(C_1-C_6 alkyl)-;

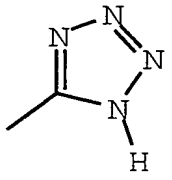
R^{14d} is selected from:
H, C_1-C_6 alkylthio(C_1-C_6 alkyl)-, aryl(C_1-C_{10} alkylthioalkyl)-, aryl(C_1-C_{10} alkoxyalkyl)-, C_1-C_{10} alkyl, C_1-C_{10} alkoxyalkyl, C_1-C_6 hydroxyalkyl, C_2-C_{10} alkenyl, C_2-C_{10} alkynyl, C_3-C_{10} cycloalkyl, C_3-C_{10} cycloalkylalkyl, aryl(C_1-C_6 alkyl)-, heteroaryl(C_1-C_6 alkyl)-, aryl, heteroaryl, CO_2R^{17d}, $C(=O)R^{17d}$, and $CONR^{17d}R^{20d}$, provided that any of the above alkyl, cycloalkyl, aryl or heteroaryl groups may be unsubstituted or substituted independently with 0-1 R^{16d} or 0-2 R^{11d};

R^{15d} is selected from:
H, R^{16d}, C_1-C_{10} alkyl, C_1-C_{10} alkoxyalkyl, C_1-C_{10} alkylaminoalkyl, C_1-C_{10} dialkylaminoalkyl, (C_1-C_{10} alkyl)carbonyl, aryl(C_1-C_6 alkyl)carbonyl, C_1-C_{10} alkenyl, C_1-C_{10} alkynyl ,C_3-C_{10} cycloalkyl, C_3-C_{10} cycloalkylalkyl, aryl(C_1-C_6 alkyl)-, heteroaryl(C_1-C_6 alkyl)-, aryl, heteroaryl, CO_2R^{17d},

$C(=O)R^{17d}$, $CONR^{17d}R^{20d}$, SO_2R^{17d}, and $SO_2NR^{17d}R^{20d}$, provided that any of the above alkyl, cycloalkyl, aryl or heteroaryl groups may be unsubstituted or substituted independently with 0-2 R^{11d};

Y^d is selected from:

$-COR^{19d}$, $-SO_3H$, $-PO_3H$, tetrazolyl, $-CONHNHSO_2CF_3$, $-CONHSO_2R^{17d}$, $-CONHSO_2NHR^{17d}$, $-NHCOCF_3$, $-NHCONHSO_2R^{17d}$, $-NHSO_2R^{17d}$, $-OPO_3H_2$, $-OSO_3H$, $-PO_3H_2$, $-SO_3H$, $-SO_2NHCOR^{17d}$, $-SO_2NHCO_2R^{17d}$,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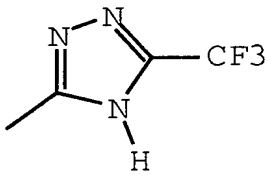
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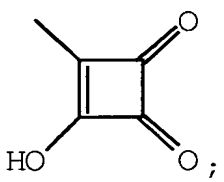

;

R^{16d} is selected from:

$-N(R^{20d})-C(=O)-O-R^{17d}$,

$-N(R^{20d})-C(=O)-R^{17d}$,

$-N(R^{20d})-C(=O)-NH-R^{17d}$,

$-N(R^{20d})SO_2-R^{17d}$, and

$-N(R^{20d})SO_2-NR^{20d}R^{17d}$;

R^{17d} is selected from:

C_1-C_{10} alkyl optionally substituted with a bond to L_n, C_3-C_{11} cycloalkyl optionally substituted with a bond to L_n, aryl(C_1-C_6 alkyl)- optionally substituted with a bond to L_n, (C_1-C_6 alkyl)aryl optionally substituted with a bond to L_n, heteroaryl(C_1-C_6 alkyl)- optionally substituted with a bond to L_n, (C_1-C_6 alkyl)heteroaryl optionally substituted with a bond to L_n, biaryl(C_1-C_6 alkyl)- optionally substituted with a bond to L_n, heteroaryl optionally substituted with a bond to L_n, aryl optionally substituted with a bond to L_n, biaryl optionally

substituted with a bond to L_n, and a bond to L_n, wherein said aryl, biaryl or heteroaryl groups are also optionally substituted with 0-3 substituents selected from the group: C_1-C_4 alkyl, C_1-C_4 alkoxy, aryl, heteroaryl, halo, cyano, amino, CF_3, and NO_2;

R^{18d} is selected from:
-H,
-C(=O)-O-R^{17d},
-C(=O)-R^{17d},
-C(=O)-NH-R^{17d},
-SO_2-R^{17d}, and
-SO_2-$NR^{20d}R^{17d}$;

R^{19d} is selected from: hydroxy, C_1-C_{10} alkyloxy, C_3-C_{11} cycloalkyloxy, aryloxy, aryl(C_1-C_6 alkoxy)-, C_3-C_{10} alkylcarbonyloxyalkyloxy, C_3-C_{10} alkoxycarbonyloxyalkyloxy, C_2-C_{10} alkoxycarbonylalkyloxy, C_5-C_{10} cycloalkylcarbonyloxyalkyloxy, C_5-C_{10} cycloalkoxycarbonyloxyalkyloxy, C_5-C_{10} cycloalkoxycarbonylalkyloxy, C_7-C_{11} aryloxycarbonylalkyloxy, C_8-C_{12} aryloxycarbonyloxyalkyloxy, C_8-C_{12} arylcarbonyloxyalkyloxy, C_5-C_{10} alkoxyalkylcarbonyloxyalkyloxy, C_5-C_{10} (5-alkyl-1,3-dioxa-cyclopenten-2-one-yl)methyloxy, C_{10}-C_{14} (5-aryl-1,3-dioxa-cyclopenten-2-one-yl)methyloxy, and
(R^{11d})(R^{12d})N-(C_1-C_{10} alkoxy)-;

R^{20d} is selected from: H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, aryl(C_1-C_6 alkyl)-, and heteroaryl(C_1-C_6 alkyl)-;

R^{21d} is selected from: COOH and $NR^{6d}{}_2$;

m^d is 0-4;

n^d is 0-4;

t^d is 0-4;

p^d is 0-2;

q^d is 0-2; and

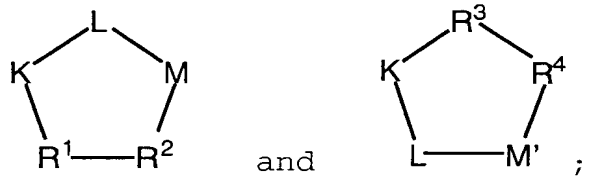
r^d is 0-2;

with the following provisos:

(1) t^d, n^d, m^d and q^d are chosen such that the number of atoms connecting R^{1d} and Y^d is in the range of 10-14; and

(2) n^d and m^d are chosen such that the value of n^d plus m^d is greater than one unless U^d is $-(CH_2)_t{}^d Q^d (CH_2)_m{}^d-$;

or Q is a peptide selected from the group:



;

R^1 is L-valine, D-valine or L-lysine optionally substituted on the ε amino group with a bond to L_n;

R^2 is L-phenylalanine, D-phenylalanine, D-1-naphthylalanine, 2-aminothiazole-4-acetic acid or tyrosine, the tyrosine optionally substituted on the hydroxy group with a bond to L_n;

R^3 is D-valine;

R^4 is D-tyrosine substituted on the hydroxy group with a bond to L_n;

provided that one of R^1 and R^2 in each Q is substituted with a bond to L_n, and further provided that when R^2 is 2-aminothiazole-4-acetic acid, K is N-methylarginine;

provided that at least one Q is a compound of Formula Ia or Ib;

d is selected from 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;

L_n is a linking group having the formula: $((W)_h-(CR^6R^7)_g)_x-(Z)_k-((CR^{6a}R^{7a})_{g'}-(W)_{h'})_{x'}$;

W is independently selected at each occurrence from the group: O, S, NH, NHC(=O), C(=O)NH, $NR^8C(=O)$, $C(=O)NR^8$, C(=O), C(=O)O, OC(=O), NHC(=S)NH, NHC(=O)NH, SO_2, SO_2NH, $(OCH_2CH_2)_{20-200}$, $(CH_2CH_2O)_{20-200}$, $(OCH_2CH_2CH_2)_{20-200}$, $(CH_2CH_2CH_2O)_{20-200}$, and $(aa)_{t'}$;

aa is independently at each occurrence an amino acid;

Z is selected from the group: aryl substituted with 0-3 R^{10}, C_{3-10} cycloalkyl substituted with 0-3 R^{10}, and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3 R^{10};

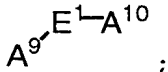
R^6, R^{6a}, R^7, R^{7a}, and R^8 are independently selected at each occurrence from the group: H, =O, COOH, SO_3H, PO_3H, C_1-C_5 alkyl substituted with 0-3 R^{10}, aryl substituted with 0-3 R^{10}, benzyl substituted with 0-3 R^{10}, and C_1-C_5 alkoxy substituted with 0-3 R^{10}, $NHC(=O)R^{11}$, $C(=O)NHR^{11}$, $NHC(=O)NHR^{11}$, NHR^{11}, R^{11}, and a bond to S_f;

R^{10} is independently selected at each occurrence from the group: a bond to S_f, $COOR^{11}$, $C(=O)NHR^{11}$, $NHC(=O)R^{11}$, OH, NHR^{11}, SO_3H, PO_3H, $-OPO_3H_2$, $-OSO_3H$, aryl substituted with 0-3 R^{11}, C_{1-5} alkyl substituted with 0-1 R^{12}, C_{1-5} alkoxy substituted with 0-1 R^{12}, and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3 R^{11};

R^{11} is independently selected at each occurrence from the group: H, alkyl substituted with 0-1 R^{12}, aryl substituted with 0-1 R^{12}, a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-1 R^{12}, C_{3-10} cycloalkyl substituted with 0-1 R^{12}, and a bond to S_f;

R^{12} is a bond to S_f;

k is selected from 0, 1, and 2;
h is selected from 0, 1, and 2;
h' is selected from 0, 1, and 2;
g is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
g' is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
t' is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
x is selected from 0, 1, 2, 3, 4, and 5;
x' is selected from 0, 1, 2, 3, 4, and 5;

S_f is a surfactant which is a lipid or a compound of the formula:  ;

A^9 is selected from the group: OH and OR^{27};

A^{10} is OR^{27};

R^{27} is $C(=O)C_{1-20}$ alkyl;

E^1 is C_{1-10} alkylene substituted with 1-3 R^{28};

R^{28} is independently selected at each occurrence from the group: R^{30}, $-PO_3H-R^{30}$, =O, $-CO_2R^{29}$, $-C(=O)R^{29}$, $-C(=O)N(R^{29})_2$, $-CH_2OR^{29}$, $-OR^{29}$, $-N(R^{29})_2$, C_1-C_5 alkyl, and C_2-C_4 alkenyl;

R^{29} is independently selected at each occurrence from the group: R^{30}, H, C_1-C_6 alkyl, phenyl, benzyl, and trifluoromethyl;

R^{30} is a bond to L_n;

Amended 2-21-03

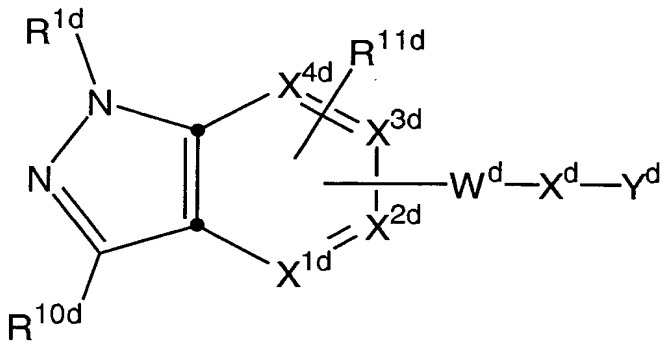
--or--

and a pharmaceutically acceptable salt thereof.

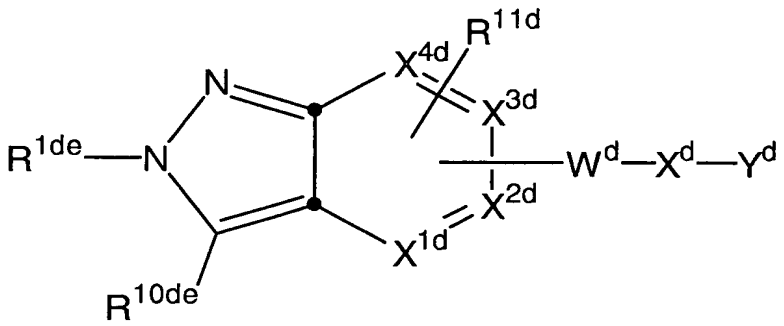
45. A compound according to Claim 44, wherein the compound is of the formula:

$$Q\text{-}L_n\text{-}S_f$$

wherein: Q is a compound of Formula (Ia) or (Ib):

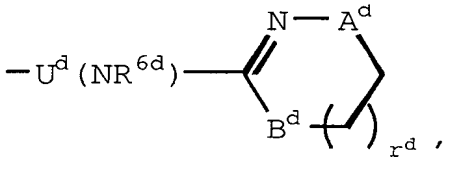


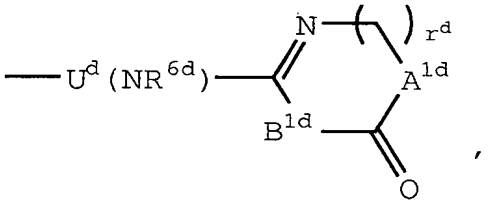
(Ia)

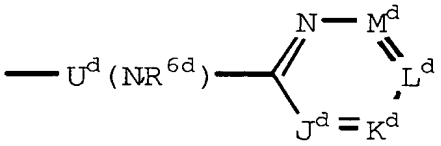


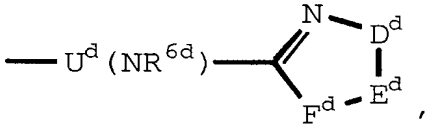
(Ib)

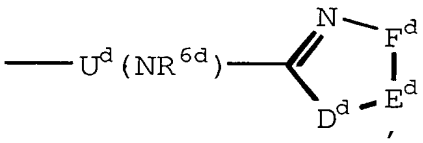
R^{1de} is selected from:

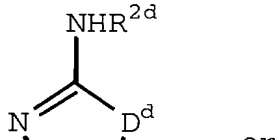




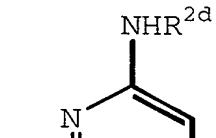








or



;

A^d and B^d are independently $-CH_2-$, $-O-$, $-N(R^{2d})-$, or $-C(=O)-$;

A^{1d} and B^{1d} are independently $-CH_2-$ or $-N(R^{3d})-$;

D^d is $-N(R^{2d})-$, $-O-$, $-S-$, $-C(=O)-$ or $-SO_2-$;

E^d-F^d is $-C(R^{4d})=C(R^{5d})-$, $-N=C(R^{4d})-$, $-C(R^{4d})=N-$, or $-C(R^{4d})_2C(R^{5d})_2-$;

J^d, K^d, L^d and M^d are independently selected from: $-C(R^{4d})-$, $-C(R^{5d})-$ and $-N-$, provided that at least one of J^d, K^d, L^d and M^d is not $-N-$;

R^{2d} is selected from: H, C_1-C_6 alkyl, (C_1-C_6 alkyl)carbonyl, (C_1-C_6 alkoxy)carbonyl, C_1-C_6 alkylaminocarbonyl, C_3-C_6 alkenyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, heteroaryl(C_1-C_6 alkyl)carbonyl, heteroarylcarbonyl, aryl(C_1-C_6 alkyl)-, (C_1-C_6 alkyl)carbonyl, arylcarbonyl, alkylsulfonyl, arylsulfonyl, aryl(C_1-C_6 alkyl)sulfonyl, heteroarylsulfonyl, heteroaryl(C_1-C_6 alkyl)sulfonyl, aryloxycarbonyl, and aryl(C_1-C_6 alkoxy)carbonyl, wherein said aryl groups are substituted with 0-2 substituents selected from the group: C_1-C_4 alkyl, C_1-C_4 alkoxy, halo, CF_3, and nitro;

R^{3d} is selected from: H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl, aryl, aryl(C_1-C_6 alkyl)-, and heteroaryl(C_1-C_6 alkyl)-;

R^{4d} and R^{5d} are independently selected from: H, C_1-C_4 alkoxy, $NR^{2d}R^{3d}$, halogen, NO_2, CN, CF_3, C_1-C_6 alkyl, C_3-C_6 alkenyl, C_3-C_7 cycloalkyl, C_4-C_{11}

cycloalkylalkyl, aryl, aryl(C_1-C_6 alkyl)-, C_2-C_7 alkylcarbonyl, and arylcarbonyl or

alternatively, when substituents on adjacent atoms, R^{4d} and R^{5d} can be taken together with the carbon atoms to which they are attached to form a 5-7 membered carbocyclic or 5-7 membered heterocyclic aromatic or non-aromatic ring system, said carbocyclic or heterocyclic ring being optionally substituted with 0-2 groups selected from: C_1-C_4 alkyl, C_1-C_4 alkoxy, halo, cyano, amino, CF_3, and NO_2;

U^d is selected from:

$-(CH_2)_n^d-$,

$-(CH_2)_n^d(CR^{7d}=CR^{8d})(CH_2)_m^d-$,

$-(CH_2)_t^d Q^d (CH_2)_m^d-$,

$-(CH_2)_n^d O(CH_2)_m^d-$,

$-(CH_2)_n^d N(R^{6d})(CH_2)_m^d-$,

$-(CH_2)_n^d C(=O)(CH_2)_m^d-$, and

$-(CH_2)_n^d S(O)_p^d (CH_2)_m^d-$;

wherein one or more of the methylene groups in U^d is optionally substituted with R^{7d};

Q^d is selected from 1,2-phenylene, 1,3-phenylene, 2,3-pyridinylene, 3,4-pyridinylene, and 2,4-pyridinylene;

R^{6d} is selected from: H, C_1-C_4 alkyl, and benzyl;

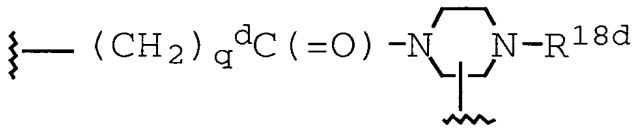
R^{7d} and R^{8d} are independently selected from: H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_{11} cycloalkylalkyl,

aryl, aryl(C_1-C_6 alkyl)-, and heteroaryl(C_0-C_6 alkyl)-;

W^d is $-C(=O)-N(R^{13d})-(C(R^{12d})_2)_q^d-$;

X^d is $-C(R^{12d})(R^{14d})-C(R^{12d})(R^{15d})-$;

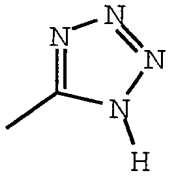
alternatively, W^d and X^d can be taken together to be



;

R^{12d} is H or C_1-C_6 alkyl;

Y^d is selected from:
$-COR^{19d}$, $-SO_3H$,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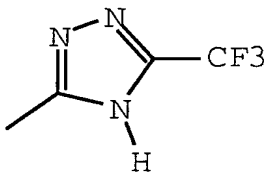
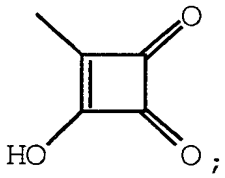
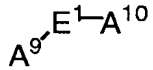

, and

;

Z is selected from the group: aryl substituted with 0-1 R^{10}, C_{3-10} cycloalkyl substituted with 0-1 R^{10}, and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-1 R^{10};

R^6, R^{6a}, R^7, R^{7a}, and R^8 are independently selected at each occurrence from the group: H, =O, COOH, SO_3H, C_1-C_5 alkyl substituted with 0-1 R^{10}, aryl substituted with 0-1 R^{10}, benzyl substituted with 0-1 R^{10}, and C_1-C_5 alkoxy substituted with 0-1 R^{10},

$NHC(=O)R^{11}$, $C(=O)NHR^{11}$, $NHC(=O)NHR^{11}$, NHR^{11}, R^{11}, and a bond to S_f;

k is 0 or 1;

S_f is a surfactant which is a lipid or a compound of the formula:  ;

A^9 is OR^{27};

A^{10} is OR^{27};

R^{27} is $C(=O)C_{1-15}$ alkyl;

E^1 is C_{1-4} alkylene substituted with 1-3 R^{28};

R^{28} is independently selected at each occurrence from the group: R^{30}, $-PO_3H-R^{30}$, =O, $-CO_2R^{29}$, $-C(=O)R^{29}$, $-CH_2OR^{29}$, $-OR^{29}$, and C_1-C_5 alkyl;

R^{29} is independently selected at each occurrence from the group: R^{30}, H, C_1-C_6 alkyl, phenyl, and benzyl;

R^{30} is a bond to L_n;

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and a pharmaceutically acceptable salt thereof.

46. A compound according to Claim 45, wherein the present invention provides a compound selected from the group:

DPPE-2-(6-aminohexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic acid-dodecanoate conjugate;

ω-amino-PEG_{3400}-2-(6-aminohexanoylamino)-3-((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic acid; and

ω-amino-PEG_{3400}-Glu-(2-(6-aminohexanoylamino)-3-((1-(3-(imidazol-2-ylamino)-propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic $acid)_2$.

47. An ultrasound contrast agent composition, comprising:
(a) a compound of Claim 44, comprising: an indazole that binds to the integrin $\alpha_v\beta_3$ or $\alpha_v\beta_5$ a surfactant and a linking group between the indazole and the surfactant;
(b) a parenterally acceptable carrier; and,
(c) an echogenic gas.

48. An ultrasound contrast agent composition of Claim 47, further comprising: 1,2-dipalmitoyl-sn-glycero-3-phosphatidic acid, 1,2-dipalmitoyl-sn-glycero-3-phosphatidylcholine, and N-(methoxypolyethylene glycol 5000 carbamoyl)-1,2-dipalmitoyl-sn-glycero-3-phosphatidylethanolamine.

49. An ultrasound contrast agent composition of Claim 48, wherein the echogenic gas is a C_{2-5} perfluorocarbon.

50. A method of imaging cancer in a patient comprising: (1) administering, by injection or infusion, a ultrasound contrast agent composition of Claim 44 to a patient; and (2) imaging the patient using sonography.

51. A method of imaging therapeutic angiogenesis in a patient comprising: (1) administering, by injection

or infusion, an ultrasound contrast agent composition of Claim 42 to a patient; (2) imaging the area of the patient wherein the desired formation of new blood vessels is located.

52. A method of imaging atherosclerosis in a patient comprising: (1) administering, by injection or infusion, an ultrasound contrast agent composition of Claim 42 to a patient; (2) imaging the area of the patient wherein the atherosclerosis is located.

53. A method of imaging restenosis in a patient comprising: (1) administering, by injection or infusion, an ultrasound contrast agent composition of Claim 42 to a patient; (2) imaging the area of the patient wherein the restenosis is located.

54. A method of imaging cardiac ischemia in a patient comprising: (1) administering, by injection or infusion, an ultrasound contrast agent composition of Claim 42 to a patient; (2) imaging the area of the myocardium wherein the ischemic region is located.

55. A method of imaging myocardial reperfusion injury in a patient comprising: (1) administering, by injection or infusion, an ultrasound contrast agent composition of Claim 42 to a patient; (2) imaging the area of myocardium wherein the reperfusion injury is located.

56. A therapeutic radiopharmaceutical composition, comprising:
(a) a therapeutic radiopharmaceutical of Claim 19; and,
(b) a parenterally acceptable carrier.

57. A diagnostic pharmaceutical composition, comprising:

(a) a diagnostic radiopharmaceutical, a MRI contrast agent, or a X-ray contrast agent of Claim 11; and,
(b) a parenterally acceptable carrier.

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